CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Feb. 6	Highland, N. C.	Jan. 26
Feb. 6	Scappoose, Ore.	Jan. 5
Feb. 6	Madera, Cal.	Jan. 26
Feb. 6	Bowling Green, Ky.	Jan. 26
Feb. 7	Brillion, Wis.	Jan. 26
Feb. 7	Hamilton, Kan.	Feb. 2
Feb. 9	Buffalo, N. Y.	Feb. 2
Feb. 10	Lockport, La. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 14	Detroit, Mich.	Jan. 26
Feb. 21	Galveston, Tex. Adv. Jan. 26 and Feb. 2.	Jan. 26
Mar. 20	New Orleans, La. Adv. Jan. 26 and Feb. 2.	Jan. 26

SEWERS

Feb. 6	Rome, N. Y.	Jan. 5
Feb. 6	Northville, Mich.	Jan. 12
Feb. 6	Corbin, Ky.	Jan. 26
Feb. 7	Columbus, O.	Jan. 26
Feb. 7	Park Ridge, Ill.	Jan. 26
Feb. 7	Springwells, Mich.	Jan. 12
Feb. 7	Brillion, Wis.	Jan. 19
Feb. 13	Oil City, Pa.	Jan. 19
Feb. 14	Trenton, Mo. Adv. Feb. 2.	Feb. 2
Feb. 15	Erie, Pa.	Feb. 2
Feb. 16	Annandale, Minn.	Feb. 2
Feb. 20	Burlington, N. C.	Feb. 2
Feb. 21	Bluefield, W. Va. Adv. Feb. 2.	Feb. 2

WASTE DISPOSAL

Feb. 6	New Orleans, La.	Jan. 19

BRIDGES

Feb. 6	Bath, N. C.	Jan. 12
Feb. 6	Montesano, Wash.	Jan. 19
Feb. 6	Tolt, Wash.	Jan. 26
Feb. 7	Boonville, Mo.	Jan. 12
Feb. 7	North Carolina	Jan. 19
Feb 10	Missouri	Jan. 26
Feb. 13	Victoria, B. C.	Jan. 19
Feb. 14	Utah Adv. Jan. 19 to Feb. 2.	Jan. 19
Feb. 17	Tomahawk, Wis.	Feb. 2
Feb. 18	Missouri	Jan. 12
Feb. 20	Altamont, Cal.	Jan. 26
Feb. 21	Lake Charles, La. Adv. Jan. 19 to Feb. 2.	Jan. 19
Feb. 24	North Carolina	Feb. 2
Oct. 31	Sydney, Australia Adv. Jan. 12 to Feb. 2	Jan. 12

EXCAVATION AND DREDGING

Feb. 6	Helena, Ark.	Feb. 2
Feb. 7	Woonsocket, S. D.	Jan. 12
Feb. 10	Naples, Ill.	Feb. 2
Feb. 14	Oacoma, S. D.	Feb. 2
Feb. 16	Winfield, Mo. Adv. Feb. 2.	Feb. 2

STREETS AND ROADS

Feb. 6	Martinez, Cal.	Jan. 19
Feb. 6	Montesano, Wash.	Jan. 19
Feb. 6	Norfolk, Va.	Jan. 26
Feb. 6	San Luis Obispo, Cal.	Jan. 19
Feb. 6	Salem, N. J. Adv. Jan. 19 to Feb. 2.	Jan. 19
Feb. 6	California	Jan. 19
Feb. 6	Monroe, N. C.	Jan. 19
Feb. 6	Colorado	Feb. 2
Feb. 6	Dearborn, Mich.	Feb. 2
Feb. 6	Milwaukee, Wis.	Feb. 2
Feb. 6	Port Arthur, Tex.	Feb. 2
Feb. 7	Peoria, Ill.	Feb. 2
Feb. 7	Oak Park, Ill.	Feb. 2
Feb. 7	Oklahoma	Feb. 2
Feb. 7	Buffalo, N. Y.	Feb. 2
Feb. 7	North Carolina	Jan. 26
Feb. 7	Englewood, N. J. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 7	Sanford, Fla.	Jan. 19
Feb. 7	Pikeville Ky.	Jan. 5
Feb. 7	Missouri	Jan. 26
Feb. 8	Ft. Dodge, Ia.	Jan. 19
Feb. 8	Sturgis, Mich.	Jan. 12
Feb. 8	Centerville, Mo.	Feb. 2
Feb. 9	Somerset, O.	Feb. 2
Feb. 9	New York, N. Y.	Feb. 2
Feb. 10	Missouri	Jan. 26
Feb. 10	Hiawatha, Kan.	Jan. 26
Feb. 10	Duluth, Minn.	Feb. 2
Feb. 10	Ohio	Feb. 2
Feb. 13	South Pasadena, Cal.	Jan. 26
Feb. 13	Utah	Feb. 2
Feb. 14	Oswego, Kan.	Jan. 12
Feb 14	California	Jan. 26
Feb. 14	Greenfield, Ind.	Jan. 26
Feb. 14	West Bend, Wis.	Feb. 2
Feb. 14	Banning, Cal.	Feb. 2
Feb. 14	Detroit, Minn.	Feb. 2
Feb. 15	Huntington, W. Va.	Jan. 26
Feb. 15	Woodbury, N. J. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 16	Missouri	Jan. 26
Feb. 16	Port Townsend, Wash.	Jan. 26
Feb. 17	Ottawa, Kan.	Jan. 26
Feb. 17	Missouri	Feb. 2
Feb. 17	Fairmont, Minn.	Feb. 2
Feb. 21	Cape May, N. J. Adv. Feb. 2.	Feb. 2
Feb. 21	Utah	Feb. 2
Feb. 21	Missouri	Feb. 2
Feb. 21	Stockton, Cal.	Feb. 2
Feb. 24	North Carolina	Feb. 2
Feb. 24	Missouri	Feb. 2
Feb. 28	Washington	Jan. 19
Mar. 1	Duluth, Minn.	Jan. 5
Mar. 6	Dade City, Fla.	Feb. 2
Mar. 14	Sheboygan Falls, Wis.	Jan. 26
Apr. 1	Granfield, Okla.	Feb. 2

INDUSTRIAL WORK

Feb. 6	Dayton, O.	Feb. 2
Feb. 11	Bozeman, Mont.	Jan. 26
Feb. 11	Missoula, Mont.	Jan. 26
Feb. 15	Duluth, Minn.	Jan. 26
Feb. 15	Phila., Pa.	Jan. 19
Feb. 15	St. Louis, Mo.	Feb. 2
Feb. 24	Columbia, Mo.	Feb. 2

BUILDINGS

Feb. 4	Pittsburgh, Pa.	Feb. 2
Feb 6	Ottawa, Ont.	Jan. 26
Feb. 6	Cleveland, O.	Jan. 26
Feb. 6	Gardner, Mass.	Jan. 26
Feb. 6	St. Paul, Minn.	Feb. 2
Feb. 6	Providence, R. I.	Feb. 2
Feb. 7	Lakeland, Fla.	Jan. 26
Feb. 7	Kenosha, Wis.	Feb. 2
Feb. 8	Humboldt, Kan.	Feb. 2
Feb. 8	Elizabeth, N. J.	Jan. 19
Feb. 8	Columbus, O.	Jan. 19
Feb. 8	Frankfort, Ind.	Jan. 12
Feb. 8	Peabody, Kan.	Jan. 26
Feb. 8	Detroit, Mich.	Feb. 2
Feb. 9	Columbus, O.	Jan. 26
Feb. 9	Detroit, Mich.	Jan. 26
Feb. 9	Rockford, Ill.	Jan. 26
Feb. 9	Southport, N. C.	Jan. 26
Feb. 9	Butler, Ind.	Feb. 2
Feb. 9	Topeka, Kan.	Feb. 2
Feb. 10	Cincinnati O.	Feb. 2
Feb. 10	Wash., D. C.	Feb. 2
Feb. 11	Whiting, Ind.	Feb. 2
Feb. 13	New Britain, Conn.	Feb. 2
Feb. 14	Clarinda, Ia.	Feb. 2
Feb. 14	Fall River, Mass.	Feb. 2
Feb. 14	Canton, S. D.	Jan. 26
Feb. 14	Sacramento, Cal.	Jan. 19
Feb. 15	Corning, N. Y.	Jan. 26
Feb. 15	Newcastle, Ind.	Jan. 26
Feb. 15	Wausaw, Wis.	Feb. 2
Feb. 15	Beloit, Wis.	Feb. 2
Feb. 15	Menagha, Minn.	Feb. 2
Feb. 17	Pittsburg, Kan.	Feb. 2
Feb. 18	London, Ont.	Jan. 12
Feb. 20	Fremont, Neb.	Feb. 2
Feb. 20	Phila., Pa.	Feb. 2
Feb. 20	West Park, O.	Feb. 2
Feb. 21	Phila., Pa. Adv. Feb. 2.	Feb. 2
Feb. 21	Hinton, Ia.	Feb. 2
Feb. 21	Buffalo Center, Ia.	Feb. 2
Feb. 23	Middletown, O.	Feb. 2
Feb. 25	Williamsport, Pa.	Feb. 2
Feb. 25	Rockford, Ill.	Jan. 26
Feb. 25	West De Pere, Wis.	Feb. 2
Mar. 1	Johnstown, Pa.	Jan. 26
Mar. 8	Clinton, Ind.	Jan. 26

FEDERAL GOVERNMENT WORK

Feb. 6	Construction and Mechanical Equipment—Oteen, N. C.	Jan. 12
Feb. 7	Remodeling Hospital—Boston, Mass.	Jan. 19
Feb. 10	Changes in Construction, etc. —Boise, Idaho	Jan. 26
Feb. 10	Conveyor System—Portland, Ore.	Feb. 2
Feb. 13	Post Office—Oconto, Wis.	Jan. 26
Feb. 14	Vestibule — New Orleans, La.	Feb. 2
Feb. 14	Boiler Settings — Oteen, N. C.	Feb. 2
Feb. 15	Barracks, etc. — San Diego, Cal.	Jan. 19
Feb. 17	Steel Hull—Louisville, Ky. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 23	Dredging—Norfolk, Va. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 23	Oil Barges — Galveston, Tex. Adv. Jan. 26 and Feb. 2	Feb. 2
Feb. 23	Steel Hull — New Orleans, La. Adv. Jan. 26 and Feb. 2	Feb. 2
Mar. 6	Post Office and Court House —Globe, Ariz. Adv. Feb. 2.	Feb. 2
Mar. 9	Water Supply Line—Honolulu, H. T.	Jan. 19

MISCELLANEOUS

Feb. 6	Electric Capstans—New Orleans, La.	Jan. 26
Feb. 7	Shafts and Tunnel—Jersey City, N. J.	Dec. 29
Feb. 7	Steam Heating and Plumbing, etc.—Fernwood (Trenton P. O.), N. J.	Jan. 26
Feb. 7	Ornamental Lights — Long Branch, N. J. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 7	Street Oil — Watertown, Wis.	Feb. 2
Feb. 8	Tractor—Warren, Minn.	Feb. 2
Feb. 9	Portland Cement, etc.—New York, N. Y.	Feb. 2
Feb. 10	Portland Cement—Milwaukee, Wis.	Feb. 2
Feb. 11	Pumping Machinery, etc. — Fair Oaks, Cal.	Feb. 2
Feb. 13	Subway — South Pasadena, Cal.	Jan. 26
Feb. 14	Cement—Toronto, Ont.	Jan. 26
Feb. 14	Cement—Went Bend, Wis.	Jan. 26
Feb. 14	Wharf Deck—Wash., D. C. Adv. Feb. 2.	Feb. 2
Feb. 15	Crane—Hammond, Ind. Adv. Jan. 26 and Feb. 2.	Jan. 26
Feb. 23	Tractor—St. Cloud, Minn.	Jan. 19
July 31	Power Equipment — Hibbing Minn.	Jan. 26

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Conn., Kensington—Kensington Fire Dist. making plans extending water supply system, $100,000. L. A. Oldershow, 159 Main St., New Britain, engr. D. F. Crowley, 255 Main St., Bristol, associated engr. Noted Feb. 10.

Pa., Phila.—Takes bids early in February laying 24 in. mains in various streets, $60,000; furnishing and installing chlorine apparatus, $15,000; furnishing and installing pump at Roxbury pumping station, $25,000. C. E. Davis, City Hall, engr.

N. C., Asheville—Plans to enlarge certain mains and laying additional mains in new sub-divisions. $50,000. B. M. Lea, Municipal Bldg., engr.

Ill., Divernon—See "Sewers."

Ill., Hinsdale—E. Hancock, engr., 2047 Ogden Ave., Chicago, opens bids about June 1, 6-8 in. c.i. mains, here. $25,000. Noted Sept. 8.

Ill., La Grange—Takes bids about April 1, 11,000 lin.ft. 10 in. c.i. mains. $50,000. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Moline—Plans 100,000 gal. rein-con. reservoir. $100,000. R. N. Pennell, Moline, engr.

Minn., St. Paul—Making plans waterworks improvements, incl. main extensions, work on filteration plant, etc. $600,000. O. Claussen, city engr.

Kan., Larned—Making preliminary plans waterworks improvements. $90,000. W. B. Rollins Co., Ry. Exch. Bldg., Kansas City, Mo., engrs.

Kan., Lawrence—Voted $150,000 bonds waterworks extensions, incl. 14,625 lin.ft. 2 in. w.i. pipe and 76,335 lin.ft. 4-10 in. c.i. pipe. L. A. Quigley, clk.

Waterworks (Continued)

S. D., Sioux Falls—Making plans iron removal filtration plant, rein.-con., 8,000,000 gal. capacity, $160,000. D. H. Maury, 53 West Jackson Blvd., Chicago, engr.

Mo., Moberly—Making plans 1 story pumping station, filtration plant, dam and reservoir. $350,000. Fuller & Beard, 1917 Railway Exch. Bldg., St. Louis, engrs.

Mo., Mountain Grove—Plans 4-6 in. c.i. mains and steel tank. $25,000. M. A. Dennis, mayor. Engineer not selected.

Okla., Cushing—Plans to vote on $250,000 bonds, waterworks and sewers. T. E. Hough, clk. Engineer not selected.

Okla., Elk City—Plans election to vote on $150,000 bonds for waterworks improvements, incl. 150,000 gal. tank. H. G. Olmstead, Tradesman Bank Bldg., Oklahoma City, engr.

Cal., Petaluma — Petaluma Municipal Water Dist. plans 26,000 ft. pipe line of 16 in. diam.; earth fill dam, 1,400 ft. long on crest, 80 ft. high; 3 diversion dams on surge of creeks; several miles concrete lined canals; 1,000,000 gal. capacity sand filter plant. Howe & Peters, 24 California St., San Francisco, engrs.

Ont., Brantford — Waterworks Comm. plans new electric standby pumping station, concrete, steel and brick, incl. centrifugal 3 stage pumps with electric motors. Cost between $200,000 and $250,000. F. P. Adams, city engr.

Ont., Goderich—Having plans prepared sinking new wells and building new pump house. $4,000. Prices wanted on all materials. A. Kelly, Goderich, engr.

Ont., Peterboro—Having plans prepared for concrete, brick and steel pumping station; new electric driven centrifugal pumps will probably be installed. $200,000. R. H. Parsons, city engr.

BIDS DESIRED

N. Y., Buffalo—Feb. 9, by A. W. Kreinheder, comr. Pub. Wks., Municipal Bldg., 1,285 ton Class B 36 in. c.i. pipe, 50 ton Class B 36 in. specials and six 36 in. valves.

Ia., Eldora—Feb. 10 to vote $40,000 bonds for waterworks. Burns & McDonnell, Interstate Bldg., Kansas City, Mo., engrs. Noted June 16.

Minn., Annandale—See "Sewers."

Kan., Hamilton—Feb. 7, laying 4 and 6 in. mains, building electric light system, 11 mi. transmission line. $100,000. F. E. Delvin, Eldorado, engr.

CONTRACTS AWARDED

O., Cleveland—Furnishing 4 water tube boilers to Babcock & Wilcox Co., Guardian Bldg., $76,519; mechanical stokers, to Sanford-Riley Stoker Co., Swetland Bldg., $42,490. Noted Dec. 22.

Okla., Fairfax—Improving waterworks, sewers and disposal plant to Ajax Constr. Co., Lawton, $58,776; white way to Fairfax Electric Co., Fairfax, $4,248. Noted Jan. 5.

Sewers

PROPOSED WORK

Conn., Bridgeport—Plans sanitary and storm sewers in portions of Park and Grand Sts., Wilmot and Ridge Aves. $100,000. J. A. McElroy, city engr.

Conn., Bridgeport—Plans sanitary sewers in Mt. Grove, Bryant, Siemon and Hubbell Sts., Davis and Sage Aves., $250,000; storm sewers in Bethany Dist., Black Rock, North Park Ave., Lindley and Grant Sts. $350,000. J. A. McElroy, city engr.

Mich., Dearborn — See "Streets and Roads."

Ill., Belvidere—Plans 10-14 in. vitr. tile sewers in various streets. $27,000. W. W. Marean, City Hall, engr.

Ill., Divernon—Making plans sanitary sewerage system and 4-6 in. c.i. water mains. $40,000. Holbrook, Warren & Andrews, Decatur, engrs.

Ill., Elmwood Park (Chicago P. O.)—E. Hancock, engr., 2047 Ogden Ave., Chicago, takes bids about August for sewers in various streets, here. $300,000.

Ill., Freeport—Bd. Local Impvts. plans 10-14 in. vitr. tile sewers in North Trunek Ave. and West Dewey St. $28,000. C. S. Hepner, City Hall, engr.

Ill., Moline—Plans 10-36 in. vitr tile storm and sanitary sewerage system, in Highland addition. R. N. Pennell, Moline, engr.

Ia., Clinton—See "Streets and Roads."

Mo., Cape Girardeau—Making plans 8 in.-3½ ft. vitr. clay sewers, and 200 brick manholes with steel covers. $315,000. E. Siler, Court House, engr.

Mo., Marceline—Rejected bids opened Jan. 2 for sanitary sewerage system and 2 disposal plants. $210,000. Benham & Mullergren, Firestone Bldg., Kansas City, engrs. Noted Dec. 15.

Okla., Erick—Takes bids about March 1, sewerage system incl. disposal plant. $85,000. H. G. Olmsted, Tradesman Bank Bldg., Oklahoma City, engr.

Cal., Los Angeles — Plans constructing Arroyo de La Sacatella Storm Sewer, Hollywood Dist., 80,678 ft. 6 ft. 3 in. to 8 ft. monolithic concrete and rein.-con. $2,500,000. J. T. Griffin, City Hall Annex, engr.

Cal., Richmond—San Pablo Sanitary Dist. had plans prepared and takes bids about March 1, constructing 570 lin.ft. 6 in., 1,070 lin.ft. 8 in., 2,200 lin.ft. 10 in., 4,600 lin.ft. 15 in., 1,420 lin.ft. 21 in. and 5,250 lin.ft. 24 in. vitr. sewers, etc. R. L. Calfe, 221 South 22nd St., engr.

Ont., Galt—Plans storm and sanitary sewers in Wright, Grandview, Waterside and Agusla Aves., Todd, Dayton, Dundas, Dumfries and Borden Sts., 20,000 ft. vitr. tile pipe, 8 in. up. $60,673. D. T. Black, city engr.

Ont., Niagara Falls—Plans new sewers. $70,000. J. C. Gardner, Bampfield Blk., Erie Ave., engr.

Ont., Peterboro—Plans 8,000 ft. vitr. tile sewers, 8 in. up. $28,000. R. H. Parsons, city engr.

Ont., Smith Falls—Plans sanitary sewers, 12,000 to 15,000 ft. vitr. tile. $30,000. S. B. Code, town engr.

BIDS DESIRED

N. J., Trenton—Feb. 14, by Mercer Co., Court House, storm drain in South Broad St., State Highway Route 2-Sect. 3. $21,000. H. F. Harris, co. engr.; adv. this issue.

Pa., Erie—Feb. 15, 3,261 ft. storm sewers in Myrtle St., 3,261 ft. 30, 36, 37, 40 and 42 in. pipe, also replacing pavements, $46,000 and $19,000 respectively. F. G. Lynch, city engr.

W. Va., Bluefield—Feb. 21, furnishing sewer pipe, cement, catch basins, man hole castings and common brick. C. E. Ridley, city mgr.; adv. this issue.

SEWER

N. C., Burlington—Feb. 20, 2½ mi. 8-12 in. sanitary sewers. $25,000. J. L. Ludlow, Winston-Salem, engr.

Fla., Clearwater—Feb. 21, to vote on $50,000 bonds for sanitary sewers; $25,000 bonds for storm sewers in conjunction with paving. F. Booth, Mayor.

Minn., Annandale—Feb. 16, by G. C. Shierts, clk. sewerage and waterworks systems. $50,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, engrs.

Cal., Banning—See "Streets and Roads."

BIDS RECEIVED

N. J., Kearny—Passaic Valley Sewerage Comrs., 128 Market St., Newark, opened bids Jan. 24, northerly portion Sect. 28, Kearny-East Newark-Harrison Branch Intercepting Sewer, here, (1) 79 lin.ft. earth excav. and refill, in trench, for 33 in. concrete sewer, (2) 705 lin.ft. earth excav., and refill, in trench for 24 in. concrete sewer, (3) 1,244 lin.ft. earth excav. and refill, in trench for 18 in. vitr. sewer, (4) 560 cu.yd. concrete masonry with cement mortar, (5) 60 cu.yd. brick masonry in manholes with cement mortar, etc., from P. D'Amato, 74 Summer Ave., Newark, (1) $12.50 per lin.ft., (2) $9.75, (3) $9.50, (4) $15, (5) $28, total, $39,389; Cenedella & Co., Milford, Mass., (1) $20, (2) $14, (3) $11, (4) $16, (5) $25, $47,144; P. Manriello, Orange, (1) $13.20, (2) $11.65, (3) $12.65, (4) $16.60, (5) $21, $47,865. Noted Jan. 5.

Mich., Detroit—For lateral sewer in block bounded by Seven Mile Rd., Greeley, Dequindre and State Fair Aves. vitr. rock, from Detroit Contg. Co., 827 Ford Bldg. $27,446; Western Constr. Co., 1208 Ford Bldg. $28,580; Liberty Constr. Co., 1026 Detroit Savings Bank Bldg. $29,600.

Wis., Milwaukee—Sewerage Com. opened bids Jan. 27, equipment for automatic electric return sludge pumping plant, from D'Olier Centrifugal Pump & Mchy Co., Morris Bldg., Phila. $26,000. Ranson & Anderson Co., 136 Liberty St., New York, $27,200, Worthington Pump & Mchy Co., Worcester, Pa., $28,500; furnishing 15 ton Class A water pipe and specials, from J. B. Clow & Sons Co., 544 South Franklin St., Chicago, $55 per ton, United States C. I. Pipe & Fdry Co., 122 South Michigan Ave., Chicago, $58.90 per ton, furnishing sluice gates and plug valves, from Worthington Pump & Mchy Co., Worcester, Pa., Great Lakes Eng. Wks., 320 West Fort St., Detroit, Mich., Coffin Valve Co., Neponset St., Boston, Chapman Valve Mfg. Co., Indian Orchard, Mass., J. B. Clow & Sons, 544 South Franklin St., Chicago, Allis Chalmers Mfg. Co., West Allis. Noted Jan. 27.

CONTRACTS AWARDED

N. J., Newark—Passaic Valley Sewerage Comrs., 128 Market St., sewage screening machinery installed at Newark Bay Pumping Sta., Port Newark, to Shevlin Eng. Co., Inc., 110 West 34th St., New York, $55,660. Noted Jan. 26.

Ill., Bellwood—For new system of sewers and pump pit, to H. Rees & Son, Quincy, $125,000. Noted July 28.

Wis., Appleton—Trunk sewer extensions in Atlantic St. and Bellaire Park, to G. D. Thorne, Oshkosh, $29,133. Noted Jan. 19.

Wis., Kenosha—Monolithic and vitr. sewers in Lakewood, Durkee, Sherman and Arlington Aves., Exchange and Plymouth Sts., Kenwood, Beverly and Belmont Places, to M. Thomson, 1020 Salem Ave., $45,206. Noted Nov. 20.

Wis., Milwaukee—Sewerage Comm., sedimentation and aeration tanks in connection with disposal plant on Jones Island, to Du Pont Eng. Co., Wilmington, Del., $726,188. Noted Jan. 19.

Bridges

PROPOSED WORK

Conn., Bridgeport—Streets & Sidewalks Com. plans bridge over Ash Creek, on State St. extension and Brewster St. $50,000. J. A. McElroy, city engr.

North Carolina—State Hy. Comn., Raleigh, plans rein-con. bridge over Horse Creek on Federal Aid Project 100, State Project 804, Avery Co. $30,000; rein.-con. bridge 2 mi. east of High Point, State Project 538, Guilford Co., $25,000; rein.-con. bridge between Charlotte and Matthews, State Project 652, Mecklenburg Co., $30,000; rein.-con. bridge and approaches 4½ mi. south of Lenoir, State Project 719, Caldwell Co., $35,000. C. M. Upham, state highway engr.

Fla., Jacksonville—Comrs. Duval Co. plan 1,500 ft. bridge over Trout Creek, Panama Park, to have 990 ft. concrete spans and 150 ft. steel draw or lift, $200,000; 1,700 ft. bridge over McGirts Creek, Ortega, 820 ft. concrete span, 170 ft. steel draw or lift, $250,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs.

Ill., Ottawa—Highway Comrs. La Salle Co. making plans Moriarity Hill Viaduct, 150 ft. long, 36 ft. roadway, two 5 ft. sidewalks, rein.-con. piers, 40,000 cu.yd. earthfill and rein.-con., work. $30,000. G. L. Farnsworth, Ottawa, engr.

North Carolina—State Hy. Dept., Raleigh, plans 2 rein.-con. bridges on Tarboro-Scotland Neck Rd., State Project 140, Halifax Co. $35,000. C. M. Upham, state highway engr.

North Carolina—State Hy. Comn., Raleigh, plans rein.-con. bridge over Broad Creek, between Pamlico and Craven Counties, State Project 264, $25,000. C. M. Upham, state highway engr.

Ia., Denison—Crawford Co. plans bridge work on Project 71, Lincoln Highway, city of Vail, one 50 ft. pony truss, $6,600; Project 115, Lincoln Highway, from Dow City northeast, 75,000 lb. structural steel, 60,720 lb. I Beam steel, 562 cu.yd. concrete, $19,278; Project 76, over Boyer River, Lincoln Highway, Union Twp., 124,000 lb. structural steel, 425 cu.yd. concrete, 900 ft. piling, $20,487. H. B. Fishel, Denison, engr.

Tex., Orange—See "Streets and Roads."

Ont., Toronto—Plans concrete and steel bridge, 1,000 ft. long, probably 66 ft. wide, over Humber River, on Dundas St. W. $400,000. R. C. Harris, city engr.

BIDS DESIRED

North Carolina—Feb. 24, by State Hy. Comn., Raleigh, constructing bridges and culverts on State Project 272, Sampson Co., 1,436 cu.yd. concrete, 166,300 lb. reinforcing, 2,260 ft. untreated timber piles, etc., $41,500; bridges and culverts on State Project 196, Washington Co., 987 cu.yd. concrete, 80,650 lb. reinforcing, 1,470 ft. untreated timber piles, $28,000. C. M. Upham, state highway engr.

Wis., Tomahawk—Feb. 17, by State Hy. Comn., Div. Office 7, Court House, Rhinelander, Fourth St. Bridge, here, plate girder type, overall length 452 ft., 20 ft. roadway, 6 ft. sidewalk, to have six 75 ft. spans, 2 rein.-con. abutments, M. W. Horkelson, Madison, bridge engr.

BIDS RECEIVED

Florida—State Rd. Dept., Tallahassee, constructing (1) Seminole Bridge, (2) Safety Harbor Bridge, (a) concrete structure, (b) wooden structure, both in Pinellas Co., from A. Bentley & Sons Co., Atlantic Natl. Bank Bldg., Jacksonville, (1a) $111,232, (1b) $43,959, (2a) $87,034, (2b) $35,-

Bridges (Continued)

527, Maloney & Murphy, Knoxville, Tenn., (1a) $116,391, (2a) $94,049; Raymond Concrete Pile Co., Healy Bldg., Atlanta, Ga., (1a) $122,381, (2a) $95,943; E. W. Parker, 402 Curry Bldg., Tampa, (1b) $35,467, (2b) $29,[illegible]; Austin Bros., Hurt Bldg., Atlanta, Ga., (1b) $37,760, (2b) $30.205. Noted Jan. 12.

CONTRACTS AWARDED

S. C., Sumter—Sumter Co., 6 bridges to Mallard Lumber Co., Greelyville, $36,733.

Kan., Topeka—For 110 ft. open spandrel rein.-con. arch, 30 ft. roadway, 5 ft. sidewalks, to N. E. Marsh, Topeka, $39,260.

Tex., McKinney — See "Streets and Roads."

Dams

PROPOSED WORK

Mo., Warsaw—See "Miscellaneous."

Ore., Talent—Talent Irrigation Dist. plans 110 ft. concrete arch dam and canal system for storage and supplying 9,000 acres partially irrigated from other sources using natural runoff. $450,000. F. C. Dillard, Talent, engr.

Cal., Petaluma—See "Waterworks."

Excavation and Dredging

PROPOSED WORK

Md., Baltimore—Plans dredging 800 ft. channel at foot of Eutaw and Alluvian Sts., Spring Gardens, 75 ft. wide, 17 ft. deep, 20,000 cu.yd. excav. $100,000. B. Hill, harbor engr.

Fla., West Palm Beach—Everglades D. D. opens bids about Feb. 10, dredging pit 300 x 350 ft., for lock site at end of St. Lucie Canal, Palm Beach Co., 75,000 cu.yd. excav. F. C. Elliott, ch. engr.

Ill., Alton—Foster D. D. making plans open ditch excavation and concrete culverts. $31,000. F. Culp, Woodriver, comr. Sheppard & Morgan, Edwardsville, engrs.

Ill., Carmi—Comrs. White Co. making plans tile drainage system. $126,000. W. W. Stokes, Court House, engr.

Ill., Long Lake—Long Lake D. D. making plans excavating in open ditch and building concrete and vitr. tile culverts. $76,600. Sheppard & Morgan, Edwardsville, engrs.

Ill., Momence—Sub-Dist. 1 making plans open ditch excavation, concrete and tile drains. $46,000. R. D. Gregg, City Hall, Momence, engr.

Ill., Peoria—Comrs. Tuscarora Drainage and Levee Dist. making plans open ditch excavation and concrete culverts, south of here. $35,000. Elliott & Harmon, 144 Fredonia Ave., engrs.

Ia., Boone—Boone Co. had plans prepared, Hone Creek D. D. $125,000. H. A. Chambers, Boone, engr.

Ore., Talent—See "Dam."

Cal., Petaluma—See "Waterworks."

Cal., Stockton—See "Miscellaneous."

BIDS DESIRED

S. D., Oacoma—Feb. 14, by Lyman Co., 14-36 in. vitr. tile drains, $30,000. C. J. Holter, aud. Dakota Eng. Co., Mitchell, engrs.

Ala., Birmingham—F. A. Fries, ch. engr. Tennessee Coal Iron & R. R. Co., Brown Marx Bldg., receiving bids 2 mi. division ditch, 8 ft. wide at bottom, 22,500 cu.yd. excav., 550 cu.yd. rein-con., 200 ft. 12 in. vitr. tile. $29,200.

Ill., Naples—Feb. 10, by Comrs. Dalley City Drainage and Levee Dist., Naples, excavating, 200,000 cu.yd. interior ditches. Randolph-Perkins Co., 1210 First Natl. Bank Bldg., Chicago, engrs. adv. this issue.

Mo., Winfield—Feb. 16, by Bd. Supervs. Winfield Levee & D. D., for drainage work. T. N. Jacob, 1900 Ry. Exch. Bldg., St. Louis, engr.; adv. this issue.

Ark., Helena—Feb. 6, by Comrs. Green Briar D. D. of Phillips and Lee Counties, at office of Moore & Vinyard, Helena, 30.1 mi. floating dredge work, 978,776 cu.yd. earth. S. McDonald, secy.

CONTRACTS AWARDED

Mo., Carrollton—Norborne Land D. D., 438,400 cu.yd. excav. in Sects. 1, 2 and 3, to Briggs & Drew, 926 City Natl. Bank Bldg., Omaha, Neb., $0.10 per cu.yd.; 389,400 cu.yd. excav. in Sect. 4, to H. A. Wehrmann, Monticello, $0.0875; 264,900 cu.yd. excav. in Sect. 5, to Diemer & Williamson, $0.09. Noted Dec. 29.

Streets and Roads

PROPOSED WORK

Conn., Bridgeport—Streets & Sidewalk Comm. plans to expend $200,000 for general and special grading work. J. A. McElroy, city engr.

Conn., Manchster—Plans paving Main St. from Charter Oak to Center Sts., concrete. $100,000. J. F. Bowen, Town Hall, engr.

Conn., West Hartford—J. J. Linsky, 144 Bank St., Waterbury, plans improving Bruce Rd., Whitman and Farmington Aves., incl. concrete sidewalks, curbs, gutters and 55 acres. $25,000. Private plans.

Pennsylvania—State Hy. Dept. Harrisburg, soon takes bids 100 mi. state, county and boro highways. G. H. Biles, Harrisburg, acting comr.

Pa., Monongahela—Takes bids in spring for paving various streets. $50,000. M. G. Borland, City Hall, engr.

Va., Portsmouth—Norfolk Co. making plans and takes bids in spring 10 mi. concrete road. $40,000. R. B. Preston, New Kirn Bldg., co. engr.

North Carolina—State Hy. Comn., Raleigh, plans grading, bridging and paving, surface treated macadam, 10.14 mi. road from Trenton to Lenoir Co. line, State Project 244, Jones Co., $180,000, 13.25 mi. from New Hanover Co. line to Burgaw, State Project 378, Pender Co., $234,000; clearing, grading and concrete or asphaltic paving 11 mi. from Fayetteville to Hoke Co. line, State Project 340, Cumberland Co., $330,000, 15.5 mi. from Wake Co. line to Smithfield, State Project 236, Johnston Co., $425,000; grading and concrete or asphaltic paving 9.8 mi. from Henderson to Warren Co. line, State Project 473, Vance Co., $300,000, 2.5 mi. from Sanford to Jonesboro, State Project 447, Lee Co., $90,000, 6 mi. from Sanford to end of Federal Aid Project 98-C, State Project 446, Lee Co., $180,000; grading and topsoiling 7 mi. road from point 5 mi. north of Sanford to Chatham Co. line, State Project 448, Lee Co., $28,000; clearing, grading and topsoiling 12 mi. from Roxboro to Granville Co. line, State Project 464, Person Co., $48,000. C. M. Upham, state highway, engr.

North Carolina—State Hy. Comm., Raleigh, plans to build 6.7 mi. road from end Project 695 to Mecklenburg Co. line, State Project 696, Union Co., $30,000; grading, and concrete or asphaltic paving 2 mi. road from Mt. Airy to Granite Quarry, State Project 761, Surry Co., $60,000, 6.6 mi. from Rockingham to Hamlet, State Project 665, Richmond Co., $210,000, 10.3 mi. from Charlotte to Cabarrus Co. line, State Project 658, Mecklenburg Co., $300,000, 9.87 mi. State Project 456 B, Orange Co., $300,000, 6.7 mi. from Norlina to Vance Co. line, State Project 494, Warren Co., $210,000; clearing, grading, topsoiling and bridging 18.1 mi. from Yanceyville to Orange Co. line, State Project 513, Caswell Co., $90,000; grading, bridging and topsofling 6.5 mi. from Norlina to Virginia State line at Virginia, State Project 495, Warren Co., $26,000, 7 mi. from Richmond Co. line to Mt. Gilead, State Project 556, Montgomery Co., $30,000, 5 mi. from point near Quaker Gap to Vade Mecum, State Project 752, Stokes Co., $25,000. C. M. Upham, state highway engr.

N. C., Sparta—Alleghany Co. lets contract in spring, grading 40 mi. highway, building several permanent bridges and 50 log culverts. $175,000. R. S. Blinn, Sparta, and Mt. Vernon, O., engr.

Florida—State Hy. Dept., Tallahassee, plans 3 mi. State Rd. 1 from Quincy to Havana, Gadsden Co., $35,000; 9 mi. State Rd. 8 from Josephine Creek to Lake Annie, Highlands Co., 8 in. rock base, $81,000; 32 mi. road from Pensacola to Flomaton, Escambia Co., brick, cement or 3 in. surface on 8 in. rock, $500,000. W. F. Cocke, state highway engr.

Tenn., Nashville—S. H. McKay, secy. Bd. Pub. Wks., City Hall, takes bids in spring improving Union St. from 2nd to 3rd Aves., wood block on concrete; Jefferson St. from 2nd to 12th Aves., granite block on concrete; 5th Ave. N., from Church St. to Bway., 3rd Ave. N., from Louisville & Nashville R.R. tracks to Monroe St., Monroe St. from Adams St. to 5th Ave., Charlotte Ave. from Tennessee Central R.R. tracks to 42nd Ave., bituminous concrete on macadam; 10th Ave., N., from Monroe to Buchanan Sts., Elm St. from 2nd to 5th Aves., Oak St. from 4th Ave. to 6th Aves. Oak St. from 6th Ave. to Vine St., Bass St. from Vine St. to 8th Ave., South St. from 8th to 16th Aves., asphaltic pavement on macadam. W. W. Southgate, City Hall, engr.

Ky., Louisville—Soon takes bids rebuilding and asphalt paving portions 7th, 8th, 18th, Portland, 28th, Finzer, Baxter, Fehr and Hill Sts. $130,000. A. A. Krieger, city engr.

O., Akron—Summit Co. opens bids in spring or summer grading and paving 2.5 mi. Greensburg-Aultman Rd., 23,000 sq.yd. bituminous concrete, $96,225. J. Weaver, Court House, engr.

O., Cincinnati—Hamilton Co. had plans prepared improving Clough Rd. from Batavia Pike to point 13,500 ft. eastwardly, 8,700 cu.yd. earth embankment, 895 sq.yd. bituminous concrete, 24,410 sq.yd. 1-1½-3 concrete and 26,000 cu.yd. gravel foundation. $129,115. E. A. Gast, Court House, engr.

O., Eaton—Plans paving Richmond Pike, Beech and Somers Sts., 30-40 ft., brick, wood block or concrete. $50,000. A. L. Reid, city engr.

Mich., Dearborn—Plans extensive concrete paving for coming summer, also dirt and macadam road reconstruction and sewer work. Address A. T. Shurick, engr. and supt. of Pub. Wks.

Ill., Aurora—Making plans paving various streets, vitr. brick on concrete. $40,000. W. E. Deuchler, City Hall, engr.

Ill., Belvidere—Plans paving various streets, vitr. brick on concrete. $30,000. W. W. Marean, City Hall, engr.

Ill., Brookfield—Opens bids about April, paving various streets, rein.-con. $200,000. E. Hancock, 2047 Ogden Ave., Chicago, engr. Noted Oct. 13.

Ill., Chicago—Bd. Local Impvts., 207 City Hall, plans paving Western Ave. from 71st to 95th St., $495,001; from 95th to 111th St., $331,000; 111th to 119th St., $142,000. C. D. Hill, ch. engr.

Ill., Chicago—Bd. Local Impvts., 207 City Hall, soon takes bids widening Western Ave. from Lawrence Ave. to West 31st St. $7,000,000. C. D. Hill, ch. engr.

Ill., Danville—Vermilion Co. making surveys 4 mi. Catlin Rd., 4 mi. Rossville Rd., 25 mi. Campbells Creek Rd., 3 mi. Ridefarm Rd. and 2 mi. Blount Rd., all foregoing 10 ft.; 4 mi Brower Rd., 16 ft. W. S. Dillon, Danville, supt.

Ill., Freeport—Bd. Local Impvts. plan resurfacing with sheet asphalt or asphaltic concrete, and repairing base on portions of North Cottonwood, North Clark and Stephenson Sts., Douglas, Grove, Green, Cherry, North West and South West Aves. $80,000. C. S. Hepner, City Hall, engr.

Ill., Springfield—Sangamon Co. will take bids latter part of month for South 6th St. Rd., $120,000; Beardstown Rd., $205,000. T. L. Flatt, Springfield, supt.

Ill., Wheaton—Bd. Local Impvts. making plans paving North Main St. and various other streets, vitr. brick on concrete. $85,000. L. J. Ruddock, Court House, engr.

Wis., Mondovi—Bids in spring for 25,000 sq.yd. concrete pavement. C. Henderson, clk.

Ia., Clinton—Making plans 100 blocks of paving and about 3 mi. sanitary sewers. L. S. Abbott, city engr

Ia., Muscatine—Plans paving 12 mi. newly created district, incl. portions Front and 2nd Sts. $200,000. G. C. Parks, clk.

Minn., Red Wing—Making plans paving and gravel surfacing various streets. $50,000. W. Geisheker, city engr.

North Dakota—State Hy. Comn., Bismarck, plans to grade 10 mi. and gravel 39 mi. in Towner Co., $80,000, also grade and gravel 5 mi. North Star Trail, between Velva and Ward county lines, 10 mi. Roosevelt Hy. West of Towser, McHenry Co. $35,000. W. H. Robinson, Bismarck, ch. engr.

Montana—State Hy. Dept., Helena, opens bids about March 1, grading, gravel surfacing and building concrete culverts and bridges on 15 mi. Sun River-Knox Hill Rd., Federal Aid Project, Cascade Co. $112,500. J. N. Edy, state highway engr.

Missouri—State Hy. Dept., Jefferson City, plans 5.108 mi. road from Clinton to Osceola, Federal Aid Project 87, Henry Co., 14,051 cu.yd. earth excav., 42,116 cu. yd. borrow, 18,616 sq.yd. concrete pavement and 119.5 cu.yd. concrete masonry, etc. $85,881. A. Graham, Jefferson City, state highway engr.

Missouri—State Hy. Dept., Jefferson City, plans 6.975 mi. road from Carthage to Springfield, Federal Aid Project 169, Jasper Co., 30,445 cu.yd. earth and 600 cu. yd. rock excav., 303.7 cu.yd. concrete masonry, etc. $27,712. A. Graham, state highway engr.

Streets and Roads (Continued)

Missouri—State Hy. Dept., Jefferson City, plans 6.875 mi. road from Cabool northeastward. Federal Aid Project 90 Sect. B, Texas Co., 36,421 cu.yd. earth and 6,727 cu.yd. rock excav. and 404.8 cu.yd. concrete masonry, etc., $50,665, also 5 rein.-con., bridges on above road, $33,884. A Graham, state highway engr.

Tex., Alice—Jim Wells Co. voted $600,000 bonds for 2 State Highways, running north, south, east and west through county. R. R. Mullen, co. judge.

Tex., Brownsville—Cameron Co. voted $400,000 bonds, constructing various roads. Whitaker & Washington, Brownsville, engrs.

Tex., Gainesville—Cooke Co. making plans grading and gravel surfacing 1.8 mi. State Highway 40, Rd. Dist. 2. $30,000. T. E. Huffman, Denton, co. engr.

Tex., Glen Rose—Somerville Co. making plans grading, gravel surfacing and bridging 3.92 mi. Highway 10-A and Highway 25, 16 ft. $40,000. R. E. Nunly, co. engr.

Tex., Orange—Orange Co. to vote on $700,000 bonds for roads and bridges. J. E. Johnson, co. engr.

Tex., San Marcos—Hays Co. making plans grading, gravel surfacing and topping 2.93 mi. State Highway 29A, from here to Caldwell Co., 8,300 cu.yd. borrow, 4,200 cu.yd. earth excav., 28,700 sq.yd. bituminous macadam, 127 cu.yd. concrete, 6,200 cu.yd. gravel surfacing, 5,800 lb. reinforcing. $27,750. J. W. Puckett, co. engr.

Tex., Sonora—Sutton Co. making plans grading and gravel surfacing 9.55 mi. State Highway 4, from here to Schleicher Co., 7,400 cu.yd. borrow, 25,470 cu.yd. roadway, 1,227 cu.yd. solid and 1,514 cu.yd. loose rock excav., 1,196 cu.yd. concrete, 175,211 lb. reinforcing. $98,371. C. A. Vaughan, co. engr.

Okla., Anadarko—Had preliminary plans prepared concrete paving various streets. $139,000. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Okla., Erick—Voted $30,000 bonds for 6 mi. road north of here and 4 mi. road east of here.

Okla., Okemah—Okfuskee Co. to vote on $500,000 bonds for 71 mi. roads, gravel or better, local material suggested.

Cal., Fresno—City Council takes bids about Feb. 15, improving portions of McKinley, Carmen, Home, Pine, Florodora and Linden Aves., 761,185 sq.ft. grading, 448,742 sq.ft. asphaltic paving, 46,937 sq.ft. concrete gutter, 25,635 sq.ft. concrete curb, 96,516 sq.ft. artificial stone sidewalks, etc. W. Stranahan, city engr.

Cal., Lodi—Completed specifications and takes bids in March improving Central Ave. between Railroad Ave. and south city limits, 148,875 sq.ft. 2½ in. asphaltic concrete base with 1½ in. warrenite surface, 161,855 sq.ft. grading, 7,700 lin.ft. hydraulic concrete curbs, 8,625 sq.ft. hydraulic concrete gutters, $37,200; Hilborn St. between Stockton Ave. and east city limits, 96,375 sq.ft. 2½ in. asphaltic concrete base with 1½ in. warrenite surface, 103,485 sq.ft. grading, 4,740 lin.ft. hydraulic concrete curbs and 5,925 sq.ft. hydraulic concrete gutters, $23,752; Daisy Ave. between Church St. and west city limits, 46,875 sq.ft. 2½ in. asphaltic concrete base with 1½ in. warrenite surface, 51,250 sq.ft. grading, 2,500 lin.ft. hydraulic concrete curbs and 3,125 sq.ft. hydraulic concrete gutters, $11,728. L. F. Barzellotti, city engr.

Cal., Merced—Supervs. Merced Co. having specifications prepared improving 22 mi. road in Livingston-Atwater Dist., asphaltic macadam. $225,000. J. F. McSwain, Merced, engr.

Cal., Mill Valley—Bd. Trustees rejected bid received Dec. 13, improving portions of Cascade Drive, Old Mill and Josephine Sts., etc. Project indefinitely postponed. J. C. Oglesby, Cheeda Block, San Rafael, engr. Noted Dec. 8.

Cal., Oakland—City Council orders opening of 15th St. between Franklin and Harrison Sts. $240,000. G. Mattis, city engr.

Ont., Hamilton—City in conjunction with Provincial Dept. of Highways, Toronto, plans to divert Waterdown Rd. to connect with Bridge 3 at western entrance of Provincial Highway, 6,500 cu.yd. excav., 46,000 cu.yd. fill. $75,000. G. Hogarth, Parliament Bldgs., Toronto, ch. engr.

Ont., Kitchener—Waterloo Co. plans paving 2 mi. road from Elmira south, concrete. $60,000. H. Johnson, 103 Frederick St., engr.

Ont., Niagara Falls—Plans to construct new streets, vitr. brick, concrete or asphalt on concrete. $170,000. J. C. Gardner, Bampfield Blk., Erie Ave., engr.

Ont., Sarnia—Lambton Co. and Twp. Councils having plans prepared for 1⅞ mi. concrete highway. $140,000. Prices wanted on concrete. W. A. Scott, Wilkesport, engr.

Ont., Woodslee—Having plans prepared concrete highway. $50,000. E. Plant, South Woodslee, engr.

BIDS DESIRED

N. Y., Buffalo—Feb. 7, by A. W. Kreinheder, comr. Pub. Wks., Municipal Bldg., paving and repaving 7 streets, 22-30 ft. G. H. Norton, Municipal Bldg., engr.

N. Y., New York—Feb. 9, by Park Bd. at office Dept. Parks, Municipal Bldg., paving, setting and resetting curb-stones and otherwise improving public driveway between 155th and 166th Sts., sheet asphalt on concrete. F. D. Gallatin, pres.

N. J., Cape May—Feb. 21, by Cape May Co., Court House, paving State Highway Route 14, Sect. 5, Cape May, Court House-Swainton, rein.-con. R. F. Smith, Marmora, co. engr.; adv. this issue.

North Carolina—Feb. 24, by State Hy. Comn., Raleigh, improving 10.1 mi. State Project 654, Mecklenburg Co., 34,500 cu.yd. excav., 1,400 cu.yd. rock excav., 1,314 ft. 12-24 in. concrete pipe, 106,620 sq.yd. concrete or asphaltic paving, 2,970 lb. reinforcing, etc., $330,000; 8.34 mi. State Project 210, Craven Co., 44,600 cu.yd. excav. and borrow, 884 ft. 18-30 in. concrete pipe, 78,150 sq.yd. concrete or asphaltic paving, 48,950 lb. reinforcing, 1,710 ft. untreated timber piles, etc., $267,000; 14.93 mi. State Project 196, Washington Co., 24 acres clearing, 17,800 cu.yd. excav., 70,800 cu.yd. borrow, 958 ft. 18-30 in. concrete pipe, 35,040 cu.yd. topsoil, etc., $41,000; 1.61 mi. State Project 377, Pender and Duplin Counties, 38,300 cu.yd. borrow, 3,960 cu.yd. topsoil, 1,646 cu.yd. concrete, 238,860 lb. reinforcing, 2,880 ft. treated and 2,330 ft. untreated timber piles, etc., $70,000; 1.6 mi. State Project 904, Buncombe Co., 53,900 cu.yd. excav., 16,930 sq.yd. concrete or asphaltic paving, 33,600 lb. reinforcing, etc., $80,000; 7.13 mi. State Project 940, Haywood Co., 14 acres clearing, 43,800 cu. yd. excav., 3,000 cu.yd. drainage ditches, 6,000 cu.yd. rock excav., 2,062 ft. 18-30 in. concrete pipe, 42,870 sq.yd. waterbound macadam, 26,710 sq.yd. two course gravel surfacing, 40,020 lb. reinforcing, etc., $108,000; 6.39 mi. State Project 607, Anson Co., 31,000 cu.yd. excav., 9,100 cu.yd. rock excav., 14,900 cu.yd. topsoiling, 54,070 lb. reinforcing, etc., $34,000; 12 mi. State Project 300, Bladen Co., 10 acres clearing, 54,400 cu.yd. excav., 11,000 cu.yd. drainage ditch, 1,364 ft. 15-30 in. concrete pipe, 31,660 cu.yd. topsoiling, 80,620 lb. reinforcing, 1,560 ft. untreated timber piles, etc., $58,000; 16.47 mi. State Project 272, Sampson Co., 45 acres clearing, 17,900 cu. yd. excav., 77,700 cu.yd. borrow, 27,000 cu. yd. drainage ditches, etc., $41,400. C. M. Upham, state highway engr.

North Carolina—Feb. 24, by State Hy. Comn., Raleigh, improving 6.66 mi. State Project 800, Avery Co., 15 acres clearing, 57,400 cu. yd. excav., 9,450 cu.yd. rock excav., 2,266 ft. 18-30 in. concrete pipe, 62,500 sq.yd. concrete or asphaltic paving, 35,020 lb. reinforcing, etc. $235,000. C. M. Upham, state highway engr.

Fla., Dade City — March 6, by Comrs. Pasco Co., 40 mi. hard and 40 to 60 mi. sand clay surfacing. A. J. Burnside, co. clk. $750,000. Former bids rejected. Noted Jan. 12.

Ohio—Feb. 10, by Dept. Highways and Pub. Wks., Columbus, grading, bridging and paving roads in following counties:

Mahoning, Sec. "D" Youngstown-East Liverpool Rd., 3.15 mi., concrete or bituminous macadam, $104,722.

Madison Co., Sect. "West Jefferson" National Rd., 0.235 mi., bituminous macadam, $4,377.

Trumbull Co., Sect. "A" Warren-Sharon Rd., 1.51 mi., brick, $76,562.

Vinton Co., Sect. "F" McArthur-Jackson Rd., 0.31 mi., repairing bridge, reshaping roadway, and paving with bituminous macadam, $5,967.

Pickaway Co., Sect. "U" Columbus-Portsmouth Rd., bridge, $7,801.

Pike Co., Sect. "A" Waverly-Zohn's Corner Rd., bridge, $5,690.

L. C. Herrick, div. highways.

O., Somerset—Feb. 9, grading and paving various streets. $86,455. W. W. Graf, City Hall, Lancaster, engr.

Mich., Dearborn—Feb. 6, by [illegible] Highlands Co., 1231 Majestic Bldg., 260,000 sq.ft. one course sidewalks, [illegible] thick, in Dearborn Highlands Subdivision. $25,000.

Ill., Oak Park—Feb. 7, paving [illegible] Ave., brick or asphalt on concrete, [illegible] 561. G. H. Graves, Municipal Bldg., engr. Noted July 21.

Ill., Peoria—Feb. 7, by Bd. Local Improvements, paving Goodwin St. from Hulbert to Hillyer Pl., vitr. brick on concrete, [illegible] 000. L. D. Jeffries, 2707 Main St., engr.

Wis., Milwaukee—Feb. 6 by Comr. Pub. Wks., improving Davis St. from Greenbay Ave. to Port Washington Rd., 1,088 sq.yd. grading, 1,107 sq.yd. paving, etc., Delaware Ave. from Oklahoma Ave. to Center St., 1,373 yd. grading, 6,765 yd. paving, Ellen St. from Pryor Ave. to Nock St., 792 yd. grading, 2,701 yd. paving, etc., Fernwood Ave. from Indiana to Vermont Aves., 1,972 yd. fill, 1,942 paving, 1st Ave. from Lincoln to Harrison Aves., 1,095 yd. grading, 4,172 yd. paving, 41st St. from North to Center Sts., 7,296 yd. resurfacing, 48th St. from Meinecke Ave. to Center St., 1,150 yd. grading, 4,868 yd. paving, North Ave. from 45th St. to Lisbon Ave., 2,742 yd. resurfacing, 7th Ave. from Dakota to Montana Aves., 223 yd. grading, 1,742 yd. Paving, South Pierce St. from Grove St. to 7th Ave., 2,827 yd. grading, 9,363 yd. paving, 13th St. from St. Paul Ave. to Sycamore St., 2,917 yd. hard sandstone on 8 in. concrete, Vermont Ave. from Oklahoma Ave. to city limits, 1,825 yd. paving. G. Staal, City Hall, engr.

Minn., Detroit—Feb. 14, by E. J. Bestick, clk., paving 25 blocks various streets, 10,000 cu.yd. excav., 30,000 sq.yd. wood block, bituminous macadam, brick or sheet asphalt, paving 9,500 lin.ft. curb and gutter, $150,000. Druar & Milinowski, 500 Globe Bldg., Minneapolis, engrs. Noted Oct. 27.

Minn., Duluth—Feb. 10, B. Farrell, city comr., paving 5,200 ft. Superior St. from 8th Ave. W. to 3rd Ave. E., 56 ft., 33,750 sq.yd. vitr. brick, 1,780 cu.yd. concrete and 26,250 sq.ft. concrete sidewalks, $185,000. E. K. Coe, City Hall, engr.

Minn., Fairmont—Feb. 17, by Martin Co., grading 8 mi. State Rds. 6, 7 and 10, 24 ft., 100,000 cu.yd. excav. $25,000. (County specifies that successful bidder accept in part payment dirt moving outfit, incl. 36 mules, 10 dump wagons, 1 senior grader, etc.) C. N. Krosch, Fairmont, engr.

Kan., Sedgwick—Clerk Sedgwick Co. receiving bids paving 19 mi. Cannon Ball Rd. Sects. B, C, D and E, brick or concrete, 18 ft. wide, 6 ft. earth shoulders. $580,000 to $855,000. M. Roseberry, Wichita, engr.

Missouri—Feb. 17, by State Hy. Dept., at div. office Kennett, 9.022 mi. road from Clarkton northward and southward. Federal Aid Project 183, Sect. A, Dunklin Co., 26,409 cu.yd. earth excav., 85,205 sq.yd. gravel surfacing and 78.1 cu.yd. concrete masonry, etc. $133,451. A. Graham, Jefferson City, state highway engr. Noted Dec. 15.

Missouri—Feb. 17, by State Hy. Dept., at div. office Union, 3.548 mi. road from Beaufort eastward and westward, State Aid Project 20.80, Franklin Co., 25,326 cu.yd. earth excav., 2,273 cu.yd. borrow and 794 cu.yd. concrete masonry, etc. $25,000. A. Graham, Jefferson City, state highway engr.

Missouri—Feb. 21, by State Hy. Dept. at div. office Emminence, 4.006 mi. road from Winona westward. State Aid Project 20.92, Shannon Co. $25,277. A. Graham, Jefferson City, state highway engr. Noted Sept. 15.

Missouri—Feb. 24, by State Hy. Dept. at div. office Van Buren, 7.743 mi. road from Van Buren northeastward, State Aid Project 20.122, Carter Co. $52,416. A. Graham, Jefferson City, state highway engr. Noted Dec. 29.

Mo., Centerville—Feb. 8, by Reynolds Co. grading and surfacing various roads, concrete, incl. 20 ft. I-beam steel bridge, $27,000. W. S. Murray, Citizens Bank Bldg., Sikeston, engr.

Tex., Port Arthur — Feb. 6, by J. P. Logan, mayor, paving streets, 84,459 sq.yd. Warrenite on 6 in. concrete, 2 in. asphalt topping. Bids also considered for concrete $225,000. E. R. Thomas, city engr.

Oklahoma—Feb. 7, by E. S. Alderman, state highway engr., Oklahoma City, grading and gravel surfacing 10 mi. road, Federal Aid Project 48, Marshall Co.

Okla., Granfield—April 1, by City Clerk, paving 22 blocks, 24 to 62 ft. wide. $250,000. H. G. Olmsted, Tradesman Bank Bldg., Oklahoma City, engr.

Streets and Roads (Continued)

Colorado—Feb. 6, by State Hy. Dept., Denver, paving .596 mi. road between Denver and Arvada, Jefferson Co., 74 cu.yd. concrete, 366 cu.yd. common earth excav., 7,312 cu.yd. borrow fill, 6,412 sq.yd. one course plain cement concrete paving, etc., $25,354; 8.33 road in Aurora, Adams and Arapahoe Counties, 2,416 cu.yd. common earth excav., 23,120 sta.yds. overhaul, 8,800 sq.yd. one course plain cement concrete pavement, etc., $32,389. L. D. Blauvelt, State Museum Bldg., Denver, engr.

Utah—Feb. 13, by State Rd. Comn., Salt Lake City, surfacing 15.5 mi. road from Nephi to Utah Co. line, Juab Co., 6 in. concrete or bitulithic concrete on concrete, $449,810. State will furnish cement and reinforcing. H. C. Means, state road engr. Noted Jan. 12.

Utah—Feb. 21, by State Rd. Comn., Salt Lake City, surfacing 10.45 mi. Price-Castle Gate Rd., Carbon Co., 6 in. concrete or bitulithic concrete on concrete. $424,628. State will furnish cement and reinforcing. H. C. Means, state road engr. Noted Jan. 12.

Cal., Banning—Feb. 14, by City Clerk, paving Ramsey St. and San Torgonio Ave., constructing storm drains at Gilman Canyon and Indian School Canyon. $70,000.

Cal., Stockton—Feb. 21, by A. L. Banks, city clk., improving Commerce St. between Market and Weber Sts., Channel and Miner Aves. between Stanislaus and Aurora Aves., 2,779 sq.ft. basalt paving blocks to be removed, 638 cu.yd. excess yardage to be wasted, 5,511 sq.ft. basalt paving blocks to be relaid, 18,258 sq.ft. asphalt concrete, average 4 in. thick, laid on blocks, 38,317 sq.ft. asphalt concrete pavement, 6 in. thick, laid on sub-grade. W. B. Hogan, city engr.

BIDS RECEIVED

Ohio—Dept. Highways and Pub. Wks., Columbus, opened bids Jan. 24, grading, bridging and paving roads (a) rein.-con., (b) Kentucky rock asphalt, (c) bituminous concrete, (d) asphaltic macadam, (e) tar macadam, (f) monolithic brick, (g) concrete, (h) bituminous macadam, in following counties: Defiance Co., Sect. "A" Paulding-Bryan Rd., 1.872 mi. from J. A. Elder, Bryan, (a) $52,678, (b) $51,472, (d) $45,-333, (e) $45,498; W. L. Johnson Co., Hicksville, (a) $54,327, (d) $47,193; Newark Paving & Constr. Co., Newark, (a) $55,-749, (e) $47,967; Newell & Smith, Defiance, (b) $54,300; Creager Bros., Liberty Center, (b) $54,394, (c) $53,099; B. Blackburn, Mark Center, (c) $56,877; S. Putnam, Van Wert, (d) $46,976, (e) $46,976. Knox Co., Sect. "B-1" Mt. Vernon-Newark Rd., 3.39 mi., from J. L. Edwards Sunbury, (f) $114,677; W. D. Winchell Co., Columbus, (f) $119,828, (g) $103,534; Post Constr. Co., Cleveland, (f) $124,087; Newark Paving & Constr. Co., Newark, (d) $93,197, (e) $93,197, (g) $98,493; Buckeye Constr. Co., Youngstown, (g) $102,520; S. W. Wrightsel, Logan, (d) $91,811, (e) $91,811; F. J. Mann & Sons, Ashland, (d) $96,789, (e) $96,789. Licking Co., Sect. "G" Newark-Mt. Vernon Rd., 4.053 mi., from J. F. Stambaugh, Ada, (a) $129,720, (d) $118,-229, (e) $118,229; Renick & Smith, Columbus, (a) $130,664; J. C. Bates, Steubenville, (a) $142,194; Post Constr. Co., Cleveland, (d) $129,375, (e) $129,375; W. M. Gray, Columbus, (d) $129,789, (e) $129,789, Portage Co., Sect. "S" Akron-Youngstown Rd., 2.427 mi., from H. Gilbert, Akron, (a) $77,313; Guilford-Wright Co., Akron, (a) $80,654; T. W. Miller Contg. Co., 3 South Side Savings Bank Bldg., Youngstown, (a) $81,378; Buckeye Constr. Co., Youngstown, (h) $75,082; Post Constr. Co., Cleveland, (h) $74,481; Kavanaugh-DeNiro Co., Youngstown, (h) $75,886. Wood Co., Sect. "A" Perrysburg-Fostoria Rd., 2.576 mi., from A. J. Baltes, Norwalk, (a) $76,088; Homeberger-Wager Co., Feick Bldg., Sandusky, (a) $77,024; R. C. Roach, Waterville, (a) $77,017; W. Sousley, Ada, (d) $53,049, (e) $53,049; W. H. and H. A. Souder, Fostoria, (d) $57,350; Finch Eng. Co., Bowling Green, (d) $55,611, (e) $54,-244; Johnson, Van Wagoner & Johnson, Tontogany, (e) $53,296. Noted Jan. 12.

Ohio—Dept. Highways and Pub. Wks., Columbus, opened bids Jan. 27, grading, bridging and paving roads, (a) rein.-con., (b) brick, (c) state to furnish brick, (d) Kentucky rock asphalt, (e) concrete, (f) sheet asphalt, (g) asphaltic macadam, (h) tar macadam, in following counties: Fulton Co., Sect. "Q-2" Bryan-Wauseon Rd., 2.903 mi., from R. Daoust, Defiance, (a) $55,608; D. M. Roach, Defiance, (a) $55,-713; Putnam & Shindledecker, Van Wert, (a) $55,902. Fulton Co., Sect. "S" Bryan-Wauseon Rd., 1.008 mi., from W. I. Johnson Co., Hicksville, (a) $27,355; D. M. Roach, Defiance, (a) $27,814; J. E. Gerkins, Whitehouse, (a) $27,814. Fulton Co., Sect. "R" Bryan-Wauseon Rd., 3.359 mi., from J. A. Westrick & Son, Napoleon, (a) $89,619; Homberger-Wagar Co., Feick Bldg., Sandusky, (a) $91,314; R. Daoust, Defiance, (a) $91,901. Perry Co., Sect. "B" McConnelsville-New Lexington Rd., from W. D. Winchell, 337 Siebert St., Columbus, (b) $186,916, (c) $155,546; P. A. McIntyre, New Lexington, (b) $189,772, (c) $152,-392, (d) $138,479; Newark Paving & Constr. Co., Newark, (b) $201,611, (c) $161,241, (e) $144,164, (f) $152,892; W. F. Payne, Springfield, (e) $145,183, (f) $151,760; J. O. Petrie, Logan, (d) $141,328. Warren Co., Sect. "C-1" Columbus-Cincinnati Rd., 4.424 mi., from J. W. Weeks, Lebanon Park, Dayton, (a) $111,054, (g) $86,094, (h) $86,094; E. Hine & Sons, Harrison, (g) $91,975, (h) $91,975; Clark Co. Constr. Co., Winchester, Ky., (g) $93,760; W. H. Ringwald Co., Chillicothe, (a) $111,845; Scott Cash Constr. Co., Cincinnati, (a) $108,223. Warren Co., Sect. "C-2" Columbus-Cincinnati Rd., 2.449 mi., from J. W. Weeks, Lebanon Park, Dayton, (a) $81,596, (g) $62,748, (h) $62,748; E. Hine & Sons, Harrison, (g) $66,136, (h) $66,136; Clark Co. Constr. Co., Winchester, Ky., (g) $66,078; Scott Cash Constr. Co., Cincinnati, (a) $79,318; Republic Asphalt Paving Co., 702 Commercial St., Dayton, (a) $81,005. Noted Jan. 12.

O., Akron—Summit Co. opened bids Jan. 19, grading and paving 2⅜ mi. Akron-Wadsworth Rd., 16 ft., (a) concrete, (b) bituminous concrete, from E. and W. McShaffrey, Rhodes Ave., (a) $81,095; T. E. McShaffrey, Forge St., (b) $86,502.

O., Cleveland—Comrs. Cuyahoga Co. opened bids Jan. 21 improving Richfield Rd., 21,200 cu.yd. earth excav. and 34,200 sq.yd. waterbound macadam on concrete, from R. J. Burk Co., Schofield Bldg., $96,-093; Post Constr. Co., 10813 Fairchild Ave., $100,115.

Wisconsin—Wisconsin Hy. Dept., Madison, paving Viroqua-Prairie du Chien Rd., Federal Aid Project 136, Vernon Co., (a) 8,660 cu.yd. earth excav., (b) 930 cu.yd. loose rock, (c) 5,979 cu.yd. solid rock, (d) 149 cu.yd. borrow, (e) 10,400 bbl. cement, (f) 141 cu.yd. concrete, (g) 30,549 sq.yd. 18 ft. bituminous material alternate (h) 30,549 sq.yd. 18 ft. concrete, from Campbell Constr. Co., 3050 Hennipen Ave., Minneapolis, Minn., (a) $1, (b) $1.50, (c) $2.70, (d) $1, (e) $2.65, (f) $23, (g) $2.70, (h) $1.99; Widell Co., Mankato, Minn., (a) $0.88, (b) $1.60, (c) $2.44, (d) $1, (e) $2.69, (f) $25, (g) $2.69, (h) $1.94; S. Smith, Sparta, (a) $1, (b) $1.50, (c) $2.43, (d) $1, (f) $26.64, (g) $2.46, (h) $2.51.

Tex., New Braunfels—Comal Co. opened bids Jan. 24, grading and gravel surfacing, 16.62 mi. State Highway 46, Federal Aid Project 246, from Harris & Powell, Marlin, $79,803; Tibetts Constr. Co., Box 179, Mineral Wells, $81,461; Hannah Constr. Co., Box 994, Waco, $86,046. Noted Jan. 19.

California—State Hy Comn., Sacramento, grading 6.1 mi. road between Cuyama River and Buckhorn Creek, Santa Barbara Co., (a) corrugated metal pipe, (b) concrete pipe, from F. Rolandi, 550 Montgomery St., San Francisco, (a) $152,944, (b) $155,045, informal bid; Warren Constr. Co., Rialto Bldg., San Francisco, (a) $153,256, (b) $157,998; M. Ryan & Son, Superior, Ariz., (a) $162,601, (b) $164,836. Commission to furnish reinforcing steel, cement, corrugated metal or rein.-con., pipe. Noted Jan. 5.

CONTRACTS AWARDED

West Virginia—State Hy. Dept., Charleston, grading 3 mi. Clay Courthouse-Hartland Rd., Clay Co., 8,500 lin.ft. clearing, 86,400 cu.yd. excav., etc., to W. C. Markle, Clay, $45,506, 3.5 mi. Canvas-Summersville Rd., Nicholas Co., 28,700 cu.yd. excav., etc., to Lookout Constr. Co., Victor, $31,779, 5 mi. Friendly-Bens Run Rd., Tyler Co., 25,-862 lin.ft. clearing, 49,244 cu.yd. excav., 3,475 cu.yd. borrow excav., 17,178 lb. metal reinforcement, etc., to A. L. Nicholich, Fairmont, $38,574, 2.5 mi. Elizabeth-Palestine Rd., Wirt Co., 13,000 lin.ft. clearing, 32,500 cu.yd. excav., to A. C. Grideli Co., Berwyn, $25,072; concrete paving 0.6 mi. Hamlin-West Hamlin Rd., Lincoln Co., 7,500 cu.yd. excav., 400 sq.yd. concrete gutters, 1,100 cu.yd. one course concrete pavement, etc., to G. L. Pence, Huntington, $26,238, 0.6 mi. Mile Branch-Cedar Grove Rd., Kanawha Co., 29,000 cu.yd. excav., etc., to A. Keathley, Charleston, $18,606, 4.8 mi. West Hamlin-Salt Rock Rd., Lincoln and Cabell Counties, 25,120 lin.ft. clearing, 28,000 cu.yd. excav., 2,000 sta.yd. overhaul, 2,487 lin.ft. 15-24 in. rein.-con. pipe, 750 ton loose stone or slag, 9,500 cu. yd. one course concrete pavement, etc., to Eberbach Constr. Co., Pomeroy, O., $161,-464, 40 ft. concrete arch bridge on above road to Hardman & Minus, Spencer, $3,898, 8.6 mi. Elkins-Belington Rd., Randolph Co., 47,530 lin.ft. clearing, 50,000 cu.yd. excav., 1,500 cu.yd. dry and 3,000 cu.yd. borrow excav., 1,040 cu.yd. concrete, 11,500 lb. reinforcing, 3,250 lin.ft. 15-18 in. vitr. clay pipe, 6,000 cu.yd. one course concrete pavement, etc., to W. J. & J. T. Gephart, Williamsport, Pa., $274,001, 0.9 mi. State Project 3088, Hancock Co., 4,550 lin.ft. clearing, 4,800 cu.yd. excav., 1,520 cu.yd. one course concrete pavement, etc., to McLain Constr. Co., Bellaire, O., $30,163; paving with bituminous penetration macadam, 14.5 mi. Rainelle-Rupert Rd., Greenbrier Co., 14,000 cu.yd. excav., 136,000 sq.yd. bituminous macadam surface, 306,000 gal. bituminous material for penetration macadam, etc., to J. Carola, Ronceverte, $269,-186, 5 mi. Beckley-Harper Rd., Raleigh Co., 13,400 cu.yd. excav., 2,200 cu.yd. borrow excav., 8,000 cu.yd. broken stone base, 47,-900 sq.yd. bituminous macadam surface, 107,800 gal. bituminous material for penetration macadam, etc., to Julian Constr. Co., Glen Jean, $104,438, 7.4 mi. road from Pratt east to Mile Branch Rd., Kanawha Co., 7,800 cu.yd. excav., 11,600 cu.yd. broken stone base, 69,300 sq.yd. bituminous macadam surface, 156,000 gal. bituminous material for penetration macadam, etc., to Codell-Byers Constr. Co., Winchester, Ky., $141,050, 1.1 mi. State Project 3113, Barbour Co., 6,970 lin.ft. clearing, 8,000 cu.yd. excav., 2,410 cu.yd. broken stone base, 12,400 sq.yd. bituminous macadam surface, 31,000 gal. bituminous material for penetration macadam, etc., to R. S. Dayton & Co., Elkins, $28,817, 40 ft. concrete deck girder bridge on above road to Shaid Contg. Co., Elkins, $3,875, 3 mi. State Project 3018, Barbour Co., 16,044 lin. ft. clearing, 25,000 cu.yd. excav., 5,600 cu. yd. broken stone base, 28,530 sq.yd. bituminous macadam surface, 71,300 gal. bituminous material for penetration macadam, etc., to R. S. Dayton & Co., Elkins, $72,-472; grading and gravel surfacing 2 mi. St Marys-Grape Island Rd., Pleasants Co., 9,887 lin.ft. clearing, 14,120 cu.yd. excav., 5,860 cu.yd. gravel surfacing, 2,400 sta.yd. overhaul, etc., to Smith & Quynn, Parkersburg, $15,333; waterbound macadam paving 4.6 mi. Pickaway-Second Creek Rd., Monroe Co., 24,500 lin.ft. clearing, 40,500 cu.yd. excav., 5,700 sta.yd. overhaul, 7,275 cu.yd. broken stone base, 43,550 sq.yd. waterbound macadam surface, etc., to J. Carola, Ronceverte, $87,396; 150 ft. steel truss bridge, State Project 3118, Wayne Co., to Brookville Bridge Co., Brookville, O., $7,480. Noted Jan. 5.

W. Va., Lewisburg—Greenbrier Co. grading and paving 5 mi. Blue Sulphur Turnpike to Carpenter Major Bros. Co., Clifton Forge, Va., $74,600. Noted Dec. 22.

North Carolina—State Hy. Dept., Raleigh, grading, structures and rein.-con. paving 5.97 mi. State Project 782, Wilkes Co., also clearing, grading and paving, penetration macadam, 15.76 mi. State Project 245, Jones Co., to Hyde & Baxter, 711 13th St., N. W., Wash., D. C., $167,-831 and $222,489 respectively; structures on latter project to J. M. Ogden & Son, Covington, Va., $18,583. Noted Jan. 26.

S. C., Sumter—Sumter Co. Rd. Comn. surfacing 3.1 mi. Sumter-Bishopville Rd., asphalt and concrete, to Adams-Evans Constr. Co., Atlantic Natl. Bank Bldg., Jacksonville, Fla., $81,292.

Fla., Clearwater—Brick paving, curbing, guttering and laying sewers, ¾ mi. around Court House Square, paving to R. L. Saylar, St. Petersburg, $27,930; curbing and guttering to J. Phillipoff, Clearwater, $3,240; sewers to T. S. Lord, Dunedin, $9,285. Noted Jan. 19.

Fla., Lake City—Comrs. Columbia Co. grading and clay surfacing 12.2 mi. Lake City-Benton Rd. and Lake City-Branford Rd., 16 ft., to J. C. Joyner & J. L. Hunter, White Springs. Noted Jan. 5.

Ala., Athens—Paving, curbing and guttering various streets to Municipal Paving & Constr. Co., Athens. Noted Dec. 22.

O., Akron—Summit Co. grading and paving 3 mi. Stowe-Sprinfield Rd., 16 ft., rein.-con., to V. Olson Constr. Co., 506 Mahoning Bank Bldg., Youngstown, $86,850.

Ill., Decatur — Trustees Sanitary Dist., Macon Co., grading and gravel surfacing roads, to C. E. Weston, King St., $27,000. Noted Jan. 5.

Ill., Elmhurst—Grading, paving, curbing and building sewers, to Pronger & Black,

Streets and Roads (Continued)

c/o E. Hancock, engr., 2047 Ogden Ave., Chicago, $114,000. Noted Dec. 29.

Minn., Duluth — Paving 2,575 ft. 22nd Ave., W., from Superior to 7th Sts, 3,700 sq.yd. vitr. brick, 2,350 sq.yd. concrete, 3,563 ft. concrete curbing, 2,800 cu.yd. earth excav., to A. A. Bodin & Sons, 408 Columbia Bldg., $49,980.

Tex., Dallas—Dallas Co. paving 4,000 ft. Dallas-Ft. Worth Pike, concrete, to Seguin & Epps, 308 Sumpter Bldg., $25,000. Noted Jan. 5.

Tex., Eastland—Eastland Co. paving 21 mi. Bankhead Highway from Cisco to Ranger, vertical fibre brick on macadam, asphalt filler, to Smith Bros., Crockett.

Tex., Georgetown—Williamson Co. grading and limestone shale surfacing 7.51 mi. State Highway 36-B, to Kuydendall & Shelton, Temple, $26,321, including 10% for contingencies. Noted Jan. 19.

Tex., McKinney—Collin Co. gravel surfacing 5 mi. Culleoka Rd. Dist., Contr. 29, incl. 666 sq.yd. concrete pavement, 7,500 cu.yd. gravel to be furnished by county, also building 105 ft. timber bridge, to C. Jarvis, McKinney, $27,359.

Idaho, Challis—Grading, building structures, inc. 3 wooden bridges, etc., 5.78 mi. State Aid Project 22, Sawtooth Park Highway, Custer Co., to Ryberg, McHugh & Cowley, Boise, $42,339.

Idaho, Lewiston—Comr. Pub. Wks., 262 Pioneer Bldg., grading and building structures, incl. one 20 ft. I-beam span, etc., on 6.4 mi. State Aid Project 24, North and South Highway, Ferdinand Highway Dist., to J. H. Campbell, Lewiston, $38,349; grading, surfacing and puuding structures on 10.38 mi. State Aid Project 23, North and South Highway, Evergreen Highway Dist., to Fitzgerald & Stauton, 114 1st Ave., S., Great Falls, Mont., $9,687. Noted Jan. 5.

Utah, Salt Lake City—Curbing and guttering Dist. 24, 3rd to 11th Aves. and from H to N Sts., to Moran Paving Co., Felt Bldg., $149,065. Noted Nov. 24.

Cal., Los Angeles — Paving with oil macadam, curbing and laying sidewalks, George St., Lucille, Allen and Narboune Aves., to J. G. Beckjord, 718 San Fernando Bldg., $25,000. Noted Jan. 19.

Industrial Works

PROPOSED WORK

Mass., Waltham—B. O. and G. C. Wilson, 196 Cambridge St., Boston, having plans prepared by H. M. Hope Eng. Co., engrs., 185 Devonshire St., Boston, 4 story, 60 x 200 ft., brick factory, River St., here. $150,000.

R. I., Woonsocket—J. Desurmont Worsted Co., Fairmount St., soon lets contract 2 story, concrete addition to mill, plain foundation. $75,000. Private plans.

Pa., Phila.—Bureau of Water, City Hall, having plans prepared and takes bids early in spring, 1 story, 100 x 160 ft. rein-con. and brick garage and machine shop, plain foundation, 28th and Cambria Sts. $60,000. Private plans.

Pa., Phila.—Natl. Biscuit Co., 15th St. and 10th Ave., New York, plans 10 story factory and warehouse, here. A. G. Zimmerman, 85-9th Ave., New York, archt. and engr.

Va., Martinsville—Amer. Furniture Co. had plans prepared by Lockwood & Green, archts., Charlotte, N. C., 50 x 100 ft. rein.-con. power house. $50,000.

Va., Petersburg — Cockade City Mills, Inc., making plans flour mill, rein.-con., on South St., incl. 6 story, 36 x 72 ft. main building, 2 story, 36 x 60 ft. storage annex, 36 x 36 x 80 ft. cleaning and storage house, etc. $100,000. W. I. Wheary, secy and treas. Architect not announced.

O., Cleveland—J. Laronge Co., 214 Williamson Bldg., having plans prepared by W. S. Lougee, archt., Marshall Bldg., 2 story, 125 x 140 ft., brick garage and commercial building, plain foundation, East 70th St. and Carnegie Ave. $70,000.

Ind., Indianapolis—Indianapolis Light & Heat Co., Monument Pl., plans 1 story, 63 x 90 ft., turbine plant, brick, West St. and Kentucky Ave. $42,000. Private plans.

Ill., Chicago—A. Eppstein, archt., 2001 West 39th St., soon takes bids 1 story, 67 x 190 ft. ice plant and 1 story, 85 x 109 ft. garage, both rein.-con., brick and steel, at 2231 North Wabansia Ave., for M. Tauber & Sons Corp., 2231 Wabansia Ave. $75,000.

Ill., Chicago—C. J. Grotz, archt., 3514 Wrightwood Ave., preparing plans 2 story, 100 x 260 ft., creamery, rein.-con., brick and steel, Chicago Ave. near Racine Ave. $176,000. Owner's name withheld.

Ill., Chicago—Ronneberg, Pierce & Hauber, archts, 10 South La Salle St., soon receive bids, 1 story, 100 x 125 ft., rein.-con., brick and steel factory, 900-908 George St., for L. Pelton, Franklin St. and Jackson Blvd. $45,000.

Ill., Kankakee—Kankakee Rug Cleaners, 1145 South Osborne Ave., plans 2 story, 50 x 125 ft., laundry and cleaning plant, $150,000. Private plans.

Ill., Kankakee—Mang & Zeisler, South Schuyler Ave., plan 1 story, garage, brick, rein.-con., steel and stone. $50,000. Architect not selected.

Ill., Peoria—Peoria Auto Parts Co. having plans prepared by B. L. Hulsebus, archt., Jefferson Bldg., 2 story, 60 x 100 ft. garage, brick, steel and stone. $120,000.

Wis., Madison—J. Feldman Paper Box Co., 515 Regent St., plans 2 story, 60 x 120 ft., brick, rein.-con. and tile factory. $50,000. Architect not selected.

Wis., Milwaukee—Amer. Granite Wks., 15th and Cleveland Aves., plans 1 story, 60 x 350 ft. granite works, brick and steel, plain foundation, 15th Ave. Architect not selected.

Wis., Milwaukee—Wisconsin Dye Wks., 614 Mitchell St., having plans prepared by H. W. Voelz, archt. and engr., 86 Michigan St., 1 story, 60 x 120 ft., brick and concrete garage, plain foundation, 8th Ave. $40,000.

Ia., Muscatine—Feb. 10 to vote on $350,000 bonds for electric light and power plant. C. F. Stebbins, city clk. Noted Dec. 22.

Minn., Cloquet—Bd. Dirs. Northwestern Paper Co., opens bids about May 1, 3 story, rein-con. and steel mill, $500,000. C. I. McNair, mgr. G. F. Hardy, 309 Bway, New York, engr. and archt.

Kan., Hutchinson—City, c/o R. B. Lee, City Hall, engr., making plans 1 story, brick, rein.-con. and stone garage. $50,000.

Mo., Hannibal—Bd. Pub. Impvts., City Hall, having plans prepared power plant and street lighting system. $170,000. Arnold & Co., 105 South La Salle St., Chicago, engrs.

Mo., Kansas City—S. S. Joy, archt., 2001 West 39th St., Chicago, 8 story, 150 x 300 ft. cold storage and ice plant, rein.-con., here, to E. W. Sproul & Co., 39th and Robey Sts., Chicago. $1,000,000. Owner's name withheld. Noted Jan. 12.

Mo., Leeds—Wilson Slaughtering Device Co., 511 Amer. Bank Bldg., Kansas City, having plans prepared 2 story, 30 x 140 ft. serum plant, rein.-con., brick and hollow tile, here. $50,000. Private plans.

Mo., Moberly—See "Waterworks."

Mo., St. Louis—Natl. Chair Co., Main and Clark St., plans 2 story, rein.-con., brick and steel factory, East Grand and Bulwer Sts. $60,000. J. J. Yawitz, pres. Architect not selected.

Mo., Warsaw—See "Miscellaneous."

Cal., Newman—Natl. Ice Cream Co., 371 Guerrero St., San Francisco, having plans prepared by J. T. Ludlow, archt., 420 Montgomery St., San Francisco, for 1 story, ice cream plant, here. $40,000.

Cal., San Mateo—Mineral Metal and By-Products Co., 1st Natl. Bank Bldg., San Francisco, purchased 1372 acres of tidelands here, and plans to construct factory buildings.

BIDS DESIRED

Conn., Waterbury—C. J. Bailey, archt., 63 Bank St., receiving bids 2 story, 60 x 120 ft. mill construction plant, plain foundation, West Liberty St., for Natl. Biscuit Co., 22 Spring St.

Pa., Beaver Falls—Keystone Driller Co., 8th Ave., 1 story, 60 x 110 ft., 20 x 201 ft., 80 x 100 ft. and 80 x 80 ft. additions to factory. Work will be done by separate contracts. $200,000.

O., Dayton—Feb. 6, by Terminal Ice & Cold Storage Co., H. J. Brenner, pres., c/o B. & C. Baking Co., 233 Clinton St., 8 story, 135 x 150 ft. refrigerating and cold storage plant, rein.-con. and brick, Eaker and Ludlow Sts. $500,000. G. B. Bright Co., 103 Marquette Bldg., Detroit, Mich., archts. Noted Dec. 29.

Ill., Chicago—Vienna Model Bakery Co., 1040 Vernon Park Ave., receiving bids 3 story, 120 x 140 ft. bakery, rein.-con., brick and steel, 1226 West Congress St. $150,000. McCormick Co., Century Bldg., Pittsburgh, Pa., archts. Noted Dec. 1.

Wis., South Milwaukee—Bucyrus Co. receiving bids 1 story, brick and steel foundry, plain foundation. F. D. Chase, [illegible] North Michigan Ave., Chicago, archt.

Wis., Milwaukee — Lockwood, Co. & Co., engrs., 38 South Dearborn St., Chicago receiving bids 6 or 7 story, 120 x [illegible] dye plant, rein.-con., brick and steel, Milwaukee and Buffalo Sts., here, for Phoenix Knitting Wks., 208-220 Bway. $[illegible]. Noted Jan. 19.

Mo., Columbia—Feb. 24, by University of Missouri for power plant. Address E. E. Brown, Columbia, business mgr. Noted April 28.

Mo., St. Louis—Feb. 15, by E. Lantz, archt., 603 Post Dispatch Bldg., 5 [illegible] x 90 ft., rein.-con. and brick factory and warehouse, 1130 South 6th St., for J. Weisert Tobacco Co., 1120 South 6th St. $70,000. Noted Jan. 26.

BIDS RECEIVED

Va., Norfolk — Virginia-Carolina Supply Co., 50 Commerce St., opened bids Jan. 24, 2 story, 80 x 90 ft., plumbing supply warehouse, brick and concrete, Brambleton Ave. and Mason St., from Gooch, Williams & Co., Haddington Bldg., $43,363; Nichols & Lindemann, Inc., Seaboard Bank Bldg., $46,580; R. R. Richardson & Co., Natl. Bank Commerce Bldg., $47,800.

CONTRACTS AWARDED

Mass., Cambridge — Cambridge Electric Light Co., Blackstone St., 2 story, 70 x 192 ft., brick and steel switch station, Western Ave., to J. F. Griffin Co., 19 Milk St., Boston. $200,000.

Mass., Holyoke—W. Skinner Co., 4 story, 70 x 200 ft. mill, brick and steel, plain foundation, Bond St., to Casper Ranger Constr. Co., Bond St., $100,000.

N. Y., Brooklyn—Amer. Tobacco Co., 540 Park Ave., 7 story, 50 x 90 ft., rein.-con. and steel factory, concrete pile foundation, Sandford St., to Turner Constr. Co., 244 Madison Ave., New York.

N. Y., New York—Cutting Larson Co., 109 West 64th St., 6 story, 100 x 120 ft. brick, steel and concrete automobile service building, plain foundation, 66th St. between 11th and 12th Aves., to Barney-Ahlers Constr. Co., 110 West 40th St. $250,000.

N. Y., New York—Knickerbocker Ice Co., 45 East 42nd St., 7 story, 70 x 90 ft. ice plant, rein.-con. and steel, concrete pile foundation, Elizabeth Ave., to Turner Constr. Co., 244 Madison Ave.

Pa., Pittsburgh—Greenwood Constr. Co., Terminal Bldg., 1 story, 62 x 86 x 120 x 166 ft. shop and 2 story, 58 x 80 ft. office, brick and steel, Carson and 24th Sts., to Walker & Curley, Farmers Bank Bldg. $80,000.

Pa., Pittsburgh — H. J. Heinz Estate, Progress St., 4 story, 60 x 80 ft. warehouse, East Robinson St., to D. T. Riffle, 1006 Forbes St., $100,000.

Pa., Sharon—Wilson Tool Mfg. Co., 2123 Grand River Ave., Detroit, Mich., 1 story, 20 x 100 ft. and 50 x 200 ft. factory buildings, to Hydraulic Steel Craft Co., Hydraulic Bldg., Cleveland, O.

Md., Bridewell (Jessups P. O.)—Maryland House of Correction, Union Trust Bldg., Baltimore, 2 story, 45 x 144 ft. brick and granite shop, here, to Consolidated Eng. Co., Calvert Bldg., Baltimore. $46,660. Noted Jan. 19.

W. Va., Morgantown—R. A. Wilbourn & Co., 3 story, 36 x 100 ft. addition to plant, to Cole Bros., Morgantown, $55,000; fee basis.

O., Cleveland—H. C. Benjamin, 3085 Lincoln Blvd., 2 story, 50 x 60 ft., brick and steel laundry, plain foundation, 1443 East 120th St., to H. Vance, Wickliffe. $40,000.

O., Cleveland—R. S. Mueller Electric Co., 2143 Fairmount Rd., 2 story, 63 x 94 ft. brick and steel factory and garage, plain foundation, East 31st St. near Payne Ave., to Van Blarcom Co., Plymouth Bldg., $50,000. Noted Jan. 26.

O., Cleveland—Stone Impvt. Co., Rockefeler Bldg., 1 story, 100 x 150 ft., brick and steel garage and commercial building, plain foundation, East 83rd St. and Carnegie Ave., to Zukerman Bros., 11605 Kinsman Rd., $50,000. Noted Dec. 1.

O., Lakewood (Cleveland P. O.)—H. B. Townsend, c/o W. J. Mooney, archt., 17430 Woodford Ave., 2 story, 60 x 100 ft., brick and steel garage, plain foundation, Detroit Ave. near Fry Ave., to Forest City Steel & Iron Co., 1500 West 110th St., Cleveland. $40,000.

Ill., Cicero—Cicero-Chicago Corrugated Co., 1542 South 51st St., rebuilding 1 story, 130 x 130 ft. factory, rein.-con., brick and

Industrial Works (Continued)

steel, to H. H. **Brockab**, 3904 West Van Buren St., Chicago, $75,000.

Wis., Milwaukee—Byrne Bros. Co., 3112 Burbank St., will build 2 story, 32 x 60 ft., brick and concrete garage, plain foundation, Hubbard St., by day labor. $40,000. Private plans.

Mo., St. Louis—W. F. Parks, Frisco Bldg., 3 story, 98 x 180 ft., rein.-con. and brick garage, North Euclid Ave., by day labor. $50,000. W. H. Mills, Chemical Bldg., archt. Noted Jan. 26.

Mo., St. Louis—A. S. Alschuler, archt., 28 East Jackson Blvd., Chicago, 1 story, 189 x 331 ft. service and parcel post station, rein.-con., brick, steel and stone, here, to H. O. Hirsch & Co., Wainwright Bldg., or S. Simon, c/o William & Bland, 2717 Chestnut St. $150,000. Noted Oct. 20.

Cal., Riverbank—Atchison Topeka & Santa Fe Ry., 605 Market St., San Francisco, 84 x 134 ft. rein-con. ice plant and 45 x 98 ft. coaling tower, 54 ft. high, to Hayes-Oser Co., Call Bldg., San Francisco.

Buildings

PROPOSED WORK

N. H., Nashua—Business—Besse, Bryant & Co., 121 Main St., having plans prepared by Brown & Von Beren, archts., 185 Church St., New Haven, Conn., 4 story, 45 x 100 ft., brick, steel and concrete, Main St.

Mass., Melrose—City Hall—Having plans prepared by C. R. Greco, archt., 8 Beacon St., Boston, brick structure, Main St. $300,000.

Mass. Warren — School — School Bd. plans 2 story, brick and steel. $150,000. M. W. Maloney, 145 Chestnut St., Springfield, archt.

Mass., Worcester—Church—Thomas St. Methodist Episcopal Congregation having plans prepared by H. C. Eckland & Co., archts., 1026 12th Ave., Moline, Ill., 1 story, brick, rein.-con. and stone. $150,000. E. S. Dahl, pastor.

Conn., Bridgeport—Y. W. C. A., 263 Golden Hill., plans to construct building, State St. $150,000. Architect not selected.

Conn., Derby—Bank—Derby Savings Bank, 163 Main St., plans bank, Main St. $150,000. T. M. James Co., 31 East 27th St., New York, archts.

Conn., Hartford—Theatre—J. Cutler, 128 Oakland Terrace, soon lets contract, 2 story, 49x140 ft., concrete, and brick, plain foundation, Park St. F. C. Walz, 407 Trumbull St., archt.

Conn., New Haven—Church—St. Brendens Roman Catholic Church, 380 Sherman Ave., having revised plans prepared by Whiton & McMahon, archts., 36 Pearl St., Hartford, 1 story, 85 x 177 ft., brick, steel and stone, plain foundation, Whalley and Ellsworth Aves. $175,000. Former bids rejected. Noted Dec. 22.

Conn., New Haven — Church and Rectory—St. Boniface Roman Catholic Church having plans prepared by G. A. Zunner, archt., 182 High St., Hartford, brick and steel, State St. $150,000.

Conn., New Haven—High School—Bd. Educ. plans 3 story, brick and steel, in Fair Haven section. $250,000. Architect not selected.

Conn., Norwich—Fair—New London County Agricultural Society, 28 Shetucket St., plans sanitary buildings, machinery buildings, horse, swine and cattle stables, also large grandstand on Fair Grounds. G. S. Raymond, secy., Architect not selected.

N. Y., Brooklyn—School—Bd. Educ., 500 Park Ave., New York, takes bids about Feb. 15, 5 story, brick, steel and stone addition to P. S. 67, concrete foundation, North Elliott Pl., here. $600,000. C. B. J. Snyder, Municipal Bldg., New York, archt. and engr. Noted Sept. 8.

N. Y., New York—Apartment—Freedman & White Realty Co., Inc., c/o H. L. Young, archt. and engr., 253 West 42nd St., having plans prepared 6 story, 115 x 125 ft., brick, steel and stone, plain foundation, 853 Riverside Dr. $350,000.

N. Y., New York—Apartment—One Fourteen West 70th St. Corp., c/o Sommerfeld & Steckler, archts. and engrs., 31 Union Sq., having plans prepared 8 story, 30 x 60 x 85 ft., brick, steel and stone, plain foundation, 112 West 70th St. $250,000.

N. Y., New York — Apartment — Joint Ownership Constr. Co., c/o E. D. Litchfield, archt. and engr., 477 5th Ave., soon lets contract brick, steel and stone, plain foundation, 1094 Park Ave. $300,000.

N. Y., New York — Faculty — Columbia University, Morningside Heights, having sketches made by McKim, Mead & White, archts. and engrs., 101 Park Ave., brick, steel and stone, plain foundation, Morningside Dr. and 117th St. $200,000.

N. Y., New York—Theatre—H. Gilman, c/o Moore & Landseidel, archts. and engrs., 148th St. and 3rd Ave., having plans prepared 1 story, 100 x 112 ft., brick, steel and stone, plain foundation, Webster Ave. near 204th St. $150,000.

N. Y., New York—Theatre and Store—B. S. Moss, 1564 Bway., having revised plans prepared by E. DeRosa, archt. and engr., 110 West 40th St., brick, steel and stone, plain foundation, Tremont and Webster Aves. $1,000,000.

N. Y., New York—Theatre and Store—Simel Holding Co., c/o S. W. Katz, archt. and engr., 505 5th Ave., soon takes bids brick, steel and stone, plain foundation, Valentine Ave. and 178th St. $1,000,000.

N. Y., Syracuse—Club—Bd. Directors Syracuse Boys Club had plans prepared by M. L. King, archt. and engr., Snow Bldg., and soon take bids 2 story, 66 x 145 ft., rein.-con., brick and steel, 410 East Genesee St. $200,000.

N. J., Asbury Park—High School—Bd. Educ. had plans prepared by E. F. Arend, archt. and engr., 105 West 40th St., New York, 3 story, brick, steel and stone, plain foundation. $400,000.

N. J., Hightstown — High School — Bd. Educ. having sketches made by Guilbert & Bettelle, archts. and engrs., 685 Broad St., Newark, 4 story, brick, steel and stone, plain foundation. $150,000. D. H. Cunningham, pres.

N. J., Vineland — Hospital — Vineland Hospital Assn., c/o R. P. Fuller, having preliminary plans prepared and takes bids in spring 3 story, cut stone, State and Howard Sts. $150,000. Stearns & Woodnutt, Stephen Girard Bldg., Phila., engrs.

Pa., Lewistown—City Hall—Election in May to vote on bonds for 3 story, 90 x 100 ft. brick and steel, Main and 3rd Sts., $150,000. Architect not selected.

Pa., Monessen—High School—Bd. Educ. soon takes bids 2 story, 138 x 200 ft. brick and steel, 6th and Knox Aves. $300,000. J. M. Beal & Sons, Monessen, archts. Noted May 5.

Pa., Muncy—Bank—Muncy Banking Co., Main and Water Sts., plans 3 story, 60 x 120 ft. concrete, brick and steel, Main and Water Sts. $150,000.

Pa., Pottsville—Station and Office—Phila. & Reading R.R., 12th and Market Sts., Phila., plans 7 story, rein.-con., brick and stone, plain foundation, here. $300,000. Private plans.

Pa., Williamsport—Bank and Office—First Natl. Bank, 25 West 3rd Ave., having preliminary plans prepared by P. A. Davis, archt., 1713 Sansom St., Phila., 7 story, 52 x 60 ft. brick, steel and stone, plain foundation, 22 North 3rd St. $250,000. W. P. Berber, pres.

D. C., Wash.—Apartment—E. G. Walker, Dist. Natl. Bank Bldg., having plans prepared by Stearn & Tomlinson, archts., Continental Trust Bldg., apartment on 20th St. and Kalarama Rd. $250,000.

D. C., Wash.—Dormitory—Georgetown University, Georgetown Heights, having plans prepared for senior dormitory. $600,000. Private plans.

D. C., Wash.—Junior High School—Dist. Comrs., 509 Dist. Bldg., having plans prepared by A. H. Harris, municipal archt., for junior high school, $300,000.

Va., Richmond—University—University of Richmond raising $550,000 bonds for various new buildings. F. W. Boatwright, pres.

Va., Winchester—Hotel—George Washington Hotel Corp. plans 5 story, 80 x 130 ft., rein.-con. and brick, Market and Piccadilly Sts. $300,000 to $400,000. L. F. Cooper, pres. Architect not selected.

W. Va., Grafton—Y. W. C. A. opens bids about March 1. 4 story, 110 x 170 ft., rein.-con., steel and brick, Fayette St. $150,000. C. Reger, Grafton, archt.

Fla., Tampa—Bank and Office—Exchange Natl. Bank, 601 Franklin St., having plans prepared by Stone & Webster, engrs., 147 Milk St., Boston, and 120 Bway., New York, 10 story, 100 x 105 ft., rein.-con. or steel. A. C. Clewes, chn. of bd. Noted Aug. 18.

Ala., Birmingham—High School—Bd. Educ. opens bids latter part of February, 3 story, 200 x 240 ft., brick, 24th St. and 7th Ave. $750,000. H. B. Wheelock, Steiner Bldg., archt.

O., Akron—School—Bd. Educ., Central High School, having plans prepared by M. M. Konarski, archt., South Union St. and opens bids in spring, 24 room, brick, Merriman Rd. $300,000.

O., Canton—Commercial and Market House—A. F. Flory Co., 600 Mulberry St., having preliminary plans prepared by A. G. Hall, archt., 2081 Taylor Rd., Cleveland, 2 story, 67 x 200 ft., brick, steel and concrete, plain foundation. $200,000.

O., Cleveland—Apartment—G. W. Hale, 627 Hanna Bldg., had plans prepared by H. T. Jeffrey, archt., 437 The Arcade, 4 story, 100 x 200 ft., brick, steel and concrete, plain foundation, Surrey Rd. $200,000.

O., Cleveland—Commercial and Apartment—F. T. Andrews and W. A. Stinchcomb, 621 Engineers Bldg., plan 2 story, brick and steel, plain foundation, East 65th St. near Euclid Ave. $150,000. Private plans.

O., East Liverpool—Bank—Mowbray & Uffinger, archts. and engrs., 56 Liberty St., New York, take bids about Feb. 15, 1 story, 60 x 125 ft., brick, steel and stone, here, for First Natl. Bank. $150,000. Noted Jan. 12.

Ind., Crown Point—Hospital—J. N. Coleman, archt., 6257 St. Lawrence St., Chicago, soon receives bids 2 story, 65 x 240 ft. administration building, 2 story, 50 x 80 ft. service building, 2 story, 50 x 50 ft. power plant, six 1 story, 35 x 180 ft. pavilion, 2 story, 50 x 100 ft. nurses home, 45 x 240 ft. childrens home, eight buildings, averaging 50 x 65 ft., rein.-con., brick and steel, for Crown Point Hospital. $800,000. Noted Jan. 26.

Ind., Hammond—Office—Ruff Bldg. plans brick office building $150,000. Architect not selected.

Ind., Indianapolis—Club House—Hoosier Athletic Club, Meridian and Pratt Sts., plans brick, Meridian and Pratt Sts. $300,000. Architect not selected.

Ind., North Manchester—School—Bd. Educ. plans 2 story, brick, $150,000. Architect not selected.

Mich., Ann Arbor — High School — University of Michigan having plans prepared by Perkins, Fellows & Hamilton, archts., 6 North Michigan Ave., Chicago, 3 story, rein.-con., brick and steel. $175,000. S. W. Smith, secy.

Mich., Detroit—Apartment—A. S. LaChapelle, 666 West Willis Ave., having plans prepared by P. C. Kroske, archt., 1103 David Whitney Bldg., 4 story, 50 x 190 ft., brick, steel and stone, plain foundation, Alexandrine Ave. $150,000.

Mich., Grand Beach — Hotel — Grand Beach Co. having plans prepared by S. C. Dyer, archt., 38 South Dearborn Ave., Chicago, 400 room rein.-con., brick and steel $250,000.

Mich., Green Lake (Pontiac P. O.)—Clubhouse—Aviation Country Club, c/o C. W. Brandt, archt., 1114 Kresge Bldg., Detroit, having plans prepared 3 story, 50 x 260 ft. brick, tile and stucco, plain foundation, here. $150,000.

Ill., Benton—School—Bd. Educ. having plans prepared by Ashby, Ashby & Schultz, archts., 1511 Jackson Blvd., Chicago, 2 story, 62 x 156 ft., brick, steel, rein.-con. and stone. $150,000.

Ill., Centralia—Community Hall—G. E. Nelms Post, American Legion, plans 2 story, brick, steel, rein.-con. and stone $150,000. Architect not selected.

Ill., Centralia—Hospital—City plans 3 story, brick, steel and rein.-con. $150,000. J. Maxfield, City Hall, clk. Architect not selected.

Ill., Chicago — Apartment — Ronneberg, Pierce & Hauber, archts., 10 South La Salle St., soon take bids 6 story, 75 x 180 ft. rein-con., brick and steel, Harper and 57th Sts., for T. A. Collins, 133 West Washington St. $250,000.

Ill., Chicago—Apartment and Store—A. M. Rutenberg, archt., 105 North Clark St., soon receives bids 3 story, 100 x 123 ft., rein.-con., brick and steel, Newgard and Devon Aves., for N. Shefner, c/o architect. $250,000.

Ill., Chicago—Church, etc.—W. C. Jones, archt., 19 South La Salle St., soon takes bids 1 story, 50 x 125 ft. church and 1 story, 60 x 80 ft. Sunday School, both rein.-con., brick and steel, 62nd and Green Sts., for St. Lukes Evangelical Congregation, c/o architect. $150,000.

Ill., Chicago—Hotel—A. Lynne, c/o Great Western Smelting & Refining Co., 600 West 41st St., plans 22 story, 90 x 106 ft., rein.-con., brick and steel, Market and Madison Sts. $3,000,000. Architect not selected.

Buildings (Continued)

Ill., Chicago—Nurses Home—Holabird & Roche, archts., 104 South Michigan Ave., soon take bids 8 story, rein.-con., brick and steel, Dearborn and 35th Sts., for Wesley Memorial Hospital. 3449 South Dearborn St. $500,000.

Ill., Chicago — Office — Amer. Medical Assn., 535 North Dearborn St., having plans prepared by Holabird & Roche, archts., 104 South Michigan Ave., 6 story, rein.-con., brick and steel addition, at 535 North Dearborn St. $225,000.

Ill., Chicago—Store and Apartment—S. S. Schuster and T. Komaiko, 728 West Roosevelt Rd., having plans prepared by A. S. Alschuler, archt., 28 East Jackson Blvd., 3 story, 60 x 257 ft., rein.-con., brick and steel, on Bryn Ave. near Ashland Ave. $200,000.

Ill., Decatur—Store and Office—Illinois Farm Mortgage and Bond Co., 136 South Water St., having plans prepared by W. T. Hooper, archt., 201 East Ontario St., Chicago, 10 or 12 story, 100 x 140 ft., rein.-con., brick and steel. $1,000,000.

Ill., Edwardsville—Bank and Office—Edwardsville Natl. Bank having plans prepared by K. M. Vitzthum, engr. and archt., 21 East Van Buren St., Chicago, 6 story, 45 x 85 ft., brick, steel, rein.-con. and terra cotta. $150,000. C. Boeschenstein, pres.

Ill., Freeport—Temple—Freeport Consistory, 503 2nd Natl. Bank Bldg., plans 5 story, brick, steel, rein.-con. and stone, Stephenson and Walnut Sts. $250,000. C. L. Snyder, comr. Architect not selected.

Ill., Oak Park—Apartment—T. J. McCall, archt., 843 Ridge Ave., preparing plans 3 story, 58 x 100 ft., brick, steel and stone, Michigan Ave. near Main St. $150,000. Owner's name withheld.

Ill., Peoria—Temple—Peoria Labor Assn. plans 2 story rein-con., brick, steel and stone, Jackson St. $150,000. C. Fry, secy. Architect not selected.

Wis., Burlington — High School — Bd. Educ. having plans prepared by Oppenhamer & Obel, archts., Spencer Bldg., Wausau, 2 and 3 story, 65 x 117 ft., brick, rein.-con. and stone. $150,000. Noted Oct. 27.

Wis., Institute (Sturgeon Bay P. O.)—School—Consolidated School Dist. 2, rejected bids opened Jan. 17, superstructure for high and grade school, concrete, brick and tile. Cost between $125,000 and $150,000. Work will be readvertised. Smith & Reynolds, Dempsey Bldg., Manitowoc, archts. Noted Dec. 22.

Wis., Milwaukee — Apartment — G. W. Adams Bldg. Co., 114 Grand Ave., having plans prepared by R. Razall, archt., 114 Grand Ave., 3 story, 50 x 116 ft., brick and concrete, plain foundation. $150,000.

Wis., Wausau — Temple — Wausau Elks Lodge 248 having preliminary plans prepared by Oppenhamer & Obel, archts., Spencer Bldg., 3 story, 66 x 110 ft., brick and concrete, plain foundation. $150,000. W. E. Dodge, chn. building com.

Ia., Davenport — Schools — Bd. Educ. plans two 2 story, rein.-con., brick, tile and stone, S. Ave. near Arlington St., and on Bismarck St. $250,000. F. L. Smart, supt.

Minn., Hopkins—School, etc.—Roman Catholic Parish having plans prepared by W. F. Kreft, archt., 107 South Victoria St., St. Paul, 2 story, rein-con., brick and tile. $165,000.

Minn., New Ulm—Church and School—St. Marys Roman Catholic Parish having plans prepared by H. G. Gaul, archt., 111 West Washington St., Chicago, 1½ story, T shaped, rein.-con., brick, tile and stone. $150,000. A. Losliehen, pastor.

Minn., St. Paul—School—Bd. Educ. having plans prepared by C. A. Hausler, archt., City Hall, 2 story, rein-con., brick, tile and stone, 10th St. and Bway. $340,000. L. R. S. Ferguson, City Hall, comr.

Kan., Independence—Memorial—Having plans prepared by Meier & Meier, archts., Lincoln Bldg., St. Joseph, Mo., for memorial building. $250,000. G. H. Krienhagen, city clk. Noted Dec. 15.

Kan., Manhattan — Agricultural — State Bd. of Administration, Topeka, having plans prepared by R. S. Gamble, archt., 1415 Fillmore St., Topeka, 4 story, brick addition, here. $275,000.

Kan., Parsons — Auditorium and City Hall—Having plans prepared by T. W. Williamson & Co., archts., Central Natl. Bank Bldg., Topeka, 2 story, 100 x 140 ft., brick. $175,000.

Neb., Ainsworth — High School — Bd. Educ. having plans prepared by Davis & Wilson, archts., 515 Security Mutual Bldg., Lincoln, 2 story, 87 x 145 ft., rein.-con., brick and steel. $160,000.

Wyo., Laramie—Library—Trustees, University of Wyoming, take bids about April 15, for brick library. $200,000. W. A. Hitchcock, Laramie, archt.

Mo., Caruthersville—Court House—Pemiscot Co. having plans prepared by Hohenschild, Corrubia & Henderson, archts., 401 Odd Fellows Bldg., St. Louis, 3 story, 75 x 75 ft., brick, steel and stone. $150,000.

Mo., Cape Girardeau—Hotel—H. L. Albert, c/o Chamber of Commerce, is representing stock company which plans 8 story, rein.-con., brick, steel and stone. $700,000. Architect not selected.

Mo., Columbia—Hospital—University of Missouri having plans prepared by J. P. Jamieson, archt., Arcade Bldg., St. Louis, 3 story, brick, fireproof construction. $250,000. J. C. Jones, Administration Bldg., acting pres. Noted Aug. 18.

Mo., Independence — Hospital — Jackson Co. plans 3 story, rein.-con., brick and stone. $500,000. Address N. P. Wood, Independence. Architect not selected.

Mo., Independence—Memorial—Memorial Assn., c/o W. Southern, Jr., plans 2 story, brick, steel, stone and concrete. $200,000. Architect not selected.

Mo., Kansas City — Apartment Hotel—C. E. Phillips, 306 Victor Bldg., plans 4 story, 132 x 137 ft., rein.-con. and stone, Armour Blvd. and Campbell St. $250,000. Architect not selected.

Mo., Kansas City—Office—W. W. Alschlager, archt., 65 East Huron St., Chicago, soon takes bids 19 story, 100 x 140 ft., fireproof construction, 11th and Baltimore Sts., here, for S. Rubin c/o architect. $2,500,000.

Mo., Rolla—Experimental Station—Missouri School of Mines having plans prepared by H. H. Hohenschild, archt., Odd Fellows Bldg., St. Louis, 2 story, rein.-con., brick and steel. $175,000. Noted Sept. 22.

Mo., St. Louis—School and Store—Rubicam Business School, 4931 Delmar St., having plans prepared by Nolte & Nauman, archts., Fullerton Bldg., 3 story, 80 x 115 ft., rein.-con., brick and stone, Grand and Potomac Sts. $150,000.

Mo., St. Louis—Store—Missouri Botanical Assn., Federal Reserve Bldg., having plans prepared by Jameison & Spearl, archts., 111 Arcade Bldg., 3 story, 66 x 90 ft., rein.-con., brick, steel and stone, 6th and St. Charles Sts. $150,000.

Mo., St. Louis—Theatre—Audrey Realty Co., c/o E. Freund, pres., 614 Chestnut St., having plans prepared by Wedemeyer & Nelson, archts., Wainwright Bldg., 2 story, 165 x 190 ft., rein.-con., brick, steel and terra cotta, Gravois and Almo Aves. $200,000.

Mo., Warrensburg—Auditorium—Central State Teachers College having plans prepared by S. M. Hitt, archt., 573 Sheidley Bldg., Kansas City, 1 story, 112 x 178 ft. $150,000. Noted May 12.

Tex., San Antonio — Auditorium — City having plans prepared by H. Phelps, archt., Hicks Bldg., and A. B. Ayres, archt., Bedell Bldg., concrete and brick. $500,000. D. D. Harrigan, city engr.

Okla., Bartlesville — Convention Hall—Having plans prepared by Barnett, Haynes & Barnett, archts., Century Bldg., St. Louis, Mo., 2 story, rein.-con., brick and stone. $300,000. S. S. Cox, city clk. Noted June 9.

Ariz., Mesa—Temple—Mormon Church, c/o H. J. Grant, pres., 201 8th Ave., Salt Lake City, Utah, having plans prepared by Young & Hansen, archts., McKornick Bldg., Salt Lake City, 3 story, 125 x 180 ft., concrete and stone, here. $300,000.

Wash., Seattle — Office — Metropolitan Building Co., Henry Bldg., opens bids about Feb. 6, 6 story, 136 x 175 ft., rein.-con. and brick annex to White Bldg., 5th and Union Sts. $500,000. A. H. Albertson, Henry Bldg., archt. Noted Oct. 27.

Cal., Bakersfield—Hospital—Kern Co. having plans prepared by C. H. Biggar, archt., 1st Natl. Bank Bldg., hospital buildings, brick and terra cotta. $300,000. F. E. Smith, clk.

Cal., Bakersfield—Lodge—Masonic Temple Assn. having plans prepared by C. Werner, archt., Humboldt Bank Bldg., San Francisco, 4 story, 18th St. between F and D Sts. $200,000.

Cal., Kerman — High Schools — Kerman High School Dist. having preliminary plans prepared by A. Johnson, archt., Kingsburg Bank Bldg., Kingsburg, for high schools. $150,000.

Cal., Reedley—High School—Reedley Joint High School Dist. soon receives bids group of 6 buildings, incl. administration and auditorium to seat 1,800, 4 buildings will be brick, other 2 (gymnasium and cafeteria) frame. $450,000 bonds sold. N. F. Marsh, Bway. Central Bldg., Los Angeles, archt. Noted Jan. 27.

Cal., San Francisco—Apartment—The El Francisco (a corporation) having plans prepared by H. P. Merritt, archt., 485 California St., 8 story. Mason and Sacramento Sts. $1,000,000. M. Marcussen, Amer. Natl. Bank Bldg., mgr. of construction.

Cal., Sonoma — High School — Sonoma High School Dist. had plans prepared by W. H. Weeks, archt., 369 Pine St., San Francisco, and soon takes bids, 2 story, 145 x 170 ft., rein.-con.

Cal., Vallejo—Hotel—Hotel Admiral Co. having plans prepared by A. C. Wilson, archt., 57 Post St., San Francisco, 6 story, 75 x 130 ft., Virginia and Sonoma Sts. $200,000.

Que., Montreal—Arena—Canadian Financial & Trading Corp. Ltd., 211 McGill St., plans 2 story, 80 x 200 ft. ice arena, with annex containing 7,500 sq.ft. floor space. Atwater Ave. $400,000.

Ont., Hamilton—School—McMaster University, Bloor St., Toronto, plans rein.-con., brick and steel, here. $800,000. Architect not selected.

Ont., Oshawa—School—Bd. Educ. plans 2 story, 15 room, rein.-con., brick and steel, Center St. $200,000. Architect not selected.

Ont., Preston—Sanitorium—Preston Sanitorium having plans prepared by Watt & Blackwell, archts., Bank of Toronto Bldg., London, brick sanitorium buildings. $250,000.

Ont., Toronto — Church — Westminster Presbyterian Church, Bloor St., E., having plans prepared by Sproatt & Rolph, archts., North St., 1 story, brick or stone. Bloor St. $175,000.

Ont., Toronto — Hospital — City plans rein.-con., brick and steel psyc. pathic hospital, Surrey Place. $350,000. W. Price, city archt.

Ont., Toronto—Museum—Royal Ontario Museum, Bloor St., having plans prepared by F. R. Heakes, archt., Parliament Bldgs., 3 story, rein.-con., brick and steel addition. Cost between $500,000 and $800,000.

Ont., Toronto—University—University of Toronto, Queens Park, plans forestry and botany building, $300,000, administration $400,000, women's building $500,000 addition to heating plant $300,000, all rein.-con., brick, steel, stone and tile, Queens Park. Architect not selected.

BIDS DESIRED

Mass., Fall River—Hospital—Feb. 1 by city, 2 and 3 story, 121 x 327 ft., brick and stone, Hood St. $700,000. E. M. Corbett, 70 Bedford St., archt.

R. I., Providence — School — Feb. 6 by Dept. Pub. Bldgs., 3 story, 92 x 151 ft., brick, Sacket St. $225,000.

Conn., New Britain—Orphanage, etc.—Feb. 13, by H. F. Ludorf, archt., Mutual Bldg., 3 story, rein.-con., brick and steel, Orange St., for Society of Children of Mary, Orange St. $200,000. Noted Aug. 25.

N. Y., New York—Apartments—Val Halla Corp., c/o Moore & Landsceidel, archts. and engrs., 148th St. and 3rd Ave., two 5 story, brick, steel and stone, plain foundations, Hull Ave., $215,000 each. Work will be done by separate contracts under supervision of architects.

Pa., Phila. — Bath House — Feb. 20, by Stewartson & Page, archts., 315 South 15th St., 2 story, 60 x 75 ft., rein.-con., brick and steel, plain foundation, Passyunk Ave. and Wharton St. $150,000. Owner's name withheld.

Pa., Phila.—Library—Feb. 21, by F. H. Caven, dir. Pub. Wks. and Bd. Trustees, City Hall, library on block bounded by 19th, 20th, Vine and Wood Sts. H. Trumbauer, 1406 Land Title Bldg., archt.; adv. this issue.

Pa., Pittsburgh—Bank and Office—Feb. 4, by Trowbridge & Livingston, archts. 527 5th Ave., New York, bank and office, Smithfield St., for Mellon Natl. Bank, 514 Smithfield St. $5,000,000.

Pa., Waynesburg—Bank—F. T. Ley Co., archts., 19 West 44th St., New York, receiving bids 3 story, 60 x 131 ft., here, for Union Deposit Trust Co., Waynesburg. $150,000.

Pa., Williamsport—Feb. 25, by Thomas, Martin & Kilpatrick, archts., c/o Y. M. C. A., 343 West 4th St., 4 story, 108 x 154 ft. rein.-con. and brick, 4th and Elmira Sts. $250,000. Noted Jan. 19.

Buildings (Continued)

D. C., Wash.—Apartment—Kennedy Bros., 2400 16th St., N. W., receiving bids for apartment. $225,000. Sonneman & Justeman, 734 15th St., N. W., archts.

D. C., Wash.—Sunday School—Feb. 10, by Twelfth Christian Church, new Sunday School on 12th and S Sts. $200,000. W. R. Metz, 14 Crescent Pl., Takoma Park, Md., archt.

O., Cincinnati—Insane Asylum—Feb. 10, by Comrs. Hamilton Co., Court House, for Longview Hospital, 3 story, 60 x 207 ft., with four 34 x 69 ft. wings, brick, cut stone or terra cotta, plain foundations, Paddock Rd. $300,000. Elzner & Anderson, Citizens Bank Bldg., archts.

O., Middletown—High School—Feb. 23, by Bd. Educ., 2 story, 140 x 210 ft., brick, steel and concrete, plain foundation. $300,000. T. D. McLaughlin, 610 Savings Bldg., Lima, archt. Noted Dec. 1.

O., Middletown—School—Feb. 23, by Bd. Educ., 2 story, 75 x 160 ft., brick, steel and concrete, plain foundation. $200,000. T. D. McLaughlin, Savings Bldg., Lima, archt. Noted March 17.

O., West Park—Schools—Feb. 20, by Bd. Educ. two 2 story, brick, steel and concrete, plain foundations. $150,000. R. F. Medicus, 287 Crandall St., Youngstown, archt. Noted Dec. 15.

Ind., Butler—School etc.—Feb. 9 (change of date) by Bd. Educ., 2 story, 95 x 120 ft. school and power plant, brick and steel. $150,000. A. H. Elwood & Sons, Haynes Bldg., Elkhart, archts. Noted Jan. 12.

Ind., Michigan City—Theatre—Newhouse & Bernham, archts., 4630 Prairie Ave., Chicago, receiving bids 65 x 165 ft., rein.-con., brick and steel, Franklin and 5th Sts., here, for Wallerstein Bros., Michigan City. $200,000. Noted Oct. 20.

Ind., Whiting—School—Feb. 11, by N. S. Spencer & Sons, archts., 37 West Van Buren St., Chicago, 1 story, 70 x 90 ft. grade school and 3 story, 90 x 140 ft. high school, rein.-con., brick and steel, for Bd. Educ., Whiting. $500,000. Noted Feb. 10.

Mich., Detroit—School—Feb. 18, by Bd. Educ., 1354 Bway. Ave., 2 story, 40 x 40 ft. and 62 x 214 ft. rein.-con., brick, steel and stone, plain foundation, Martin and Brayden Aves. Malcomson, Higginbotham & Palmer, 405 Moffat Bldg., archts.

Ill., Benton—Store and Theatre—Kinnerly & Stiegmeyer, archts., Title Guaranty Bldg., St. Louis, Mo., taking bids on separate contracts for 2 story, 90 x 100 ft., rein.-con. and brick, on South Main St., for Reed & Yamm, Duquoin. $150,000. Noted Sept. 8.

Ill., Chicago—Apartment—H. Dalsey, archt., 2321 West North Ave., receiving bids 3 story, 85 x 180 ft., rein-con., brick and steel, Greenview Ave. and Jonquil Terrace. $190,000. Owners name withheld. Noted Jan. 26.

Ill., Chicago — Apartment — Johnston Bros., 109 North Dearborn St., receiving bids 3 story, 111 x 115 ft., rein.-con., brick and steel, 7200-10 Jeffrey Ave. $150,000. L. M. Mitchell, Wells and Randolph Sts., archt.

Wis., Beloit—Bank—Feb. 15, by Beloit State Bank, 309 East Grand Ave., and Weary & Alford, archts., 1732 South Michigan Ave., Chicago, 1 story, 46 x 85 ft. concrete brick and stone, plain foundation. Cost between $125,000 and $150,000.

Wis., Kenosha—Hotel—Feb. 7, by Sheridan Hotel Corp., c/o W. F. Mayer, 221 Grand Ave., Milwaukee, 9 story, 84 x 97 ft., rein.-con., brick and steel, plain foundation, Sheridan (Algonquin) Rd., here. Nichols, Scholer & Hoffman, Ross Bldg., Lafayette, Ind., archts.

Wis., West De Pere—High School—Feb. 25, by Bd. Educ., c/o J. Hughes, clk., 2 and 3 story, 60 x 185 ft. brick, rein.-con. and steel. $150,000. Foeller, Schoeber Co., 219 North Adams St., Green Bay, archt.

Ia., Buffalo Center—School—Feb. 21, by Bd. Educ., 2 story, 82 x 145 ft., rein.-con., brick, tile and stone. $150,000. G. L. Lockhart, 1353 University Ave., St. Paul, Minn., archt. Noted Feb. 3.

Ia., Clarinda—High School—Feb. 14, by Bd. Educ., 2 story, rein.-con., brick, tile and stone. $200,000. H. Stephens, secy. Keffer & Jones, 204 Masonic Temple, Des Moines, archts. Noted Aug. 25.

Ia., Hinton—School—Feb. 21, by Bd. Educ., 2 story, rein.-con., brick, tile and stone. $150,000. P. S. Tronsrue, secy. Beuttler & Arnold, Grain Exch. Bldg., Sioux City, archts.

Minn., Menagha—School—Feb. 15 by Bd. Educ., 3 story, 61 x 121 ft., rein-con., brick, tile and stone. $150,000. N. Hepokaski, clk. Prins, Buckley & Foss, 629 Palace Bldg., Minneapolis, archts.

Minn., St. Paul—Schools—Feb. 6, by H. W. Austin, city purch. agt., 3 story, Linwood Pl., $205,650, 3 story, 70 x 260 ft., Harrison and Western Ave., $340,000, 3 story, 66 x 130 ft., Arcade and Hyacinth Sts., $204,500., all rein-con., brick, stone and tile. C. A. Hausler, City Hall, archt.

Kan., Humboldt—High School—Feb. 8, by Bd. Educ. c/o C. M. Hilleary, clk., 2 story, 80 x 120 ft. $165,000. T. W. Williamson & Co., Central Natl. Bank Bldg., Topeka, archts. Noted Nov. 3.

Kan., Pittsburg—Gymnasium—Feb. 17, by State Normal School, c/o G. A. Kimball, mgr., Topeka, 1 story, 110 x 150 ft. brick and steel, here. $150,000. R. Gamble, 1415 Fillmore St., Topeka, archt. Noted Nov. 3.

Kan., Topeka—Dormitory—Feb. 9, by R. E. Scamee, archt., 424 New England Bldg., 3 story, 75 x 150 ft. brick and stone, for Washburn College, 17th and College Sts. $155,000.

Neb., Fremont—High School—Feb. 20, by Bd. Educ., 3 story, 110 x 161 ft., rein.-con., brick and steel. $200,000. A. H. Dyer Co., Fremont, archts. Noted Aug. 25.

BIDS RECEIVED

Mass., Quincy—High School—School Bd. received bids 3 and 4 story, 252 x 330 ft., brick and stone, Coddington St., from J. W. Duff, 146 Summer St., Boston, $678,280; A. Piotti, 707 Dudley St., Boston, $682,476; G. Dose Eng. Co., 43 West 27th St., New York, $689,000. Noted Jan. 19.

O., Salem—Temple—Thayer & Johnson, archts., 5716 Euclid Ave., Cleveland, 3 story, 50 x 125 ft., brick, steel and concrete, plain foundation, here, from Clemmer & Johnson, Metropolitan Bldg., Akron, for Masonic Temple Building Co. $150,000. Noted Oct. 6.

Wis., Madison—Hospital—Bd. Regents, University of Wisconsin, opened bids Jan. 24, 6 story, 100 x 250 ft., Warren St., from Colwell-Long Co., 641 Plymouth Bldg., Minneapolis, Minn., $628,451; Immel Constr. Co., 200 North Main St., Fond du Lac, $668,843; T. W. Stark & Co., 130 Muskego Ave., Milwaukee, $682,000. Noted Dec. 22.

Minn., Olivia—School—Bd. Educ., 3 story, rein.-con., brick, tile and stone, from J. J. Niebuhr, 2822 Pennsylvania Ave. N. Minneapolis, $90,309; Bracker Constr. Co., 638 Builders Exch. Bldg., Minneapolis, $102,600; Grahn & Bathurst, 638 Plymouth Bldg., Minneapolis, $104,326. Noted Jan. 5.

Cal., Santa Ana—Jail—Bd. Supervs. Orange Co., 4 story, 100 x 125 ft., (a) plan 1, (b) plan 2, (c) plan 3, from E. C. English, 508 Citizens Bank Bldg., Los Angeles, (a) $105,000, (b) $77,000, (c) $102,000; Bird & Hilf, Santa Ana, (a) $109,881, (b) $80,882, (c) $104,792; Dow Constr. Co., 2600 Idell St., Los Angeles, (a) $109,900, (b) $83,815, (c) $105,572. Noted Jan. 5.

CONTRACTS AWARDED

Mass., Boston—Store—Blackall, Clapp & Whitemore, archts, 20 Beacon St., 6 story, 80 x 120 ft., brick, stone and steel, Tremont and Bromfield Sts., to W. A. and H. A. Root Inc., 1 Beacon St., for S. S. Kresge Co., Kresge Bldg., Detroit. $700,000.

Conn., New London—Library—Connecticut College for Women, Mohegan Ave., 2 story, 50 x 150 ft., stone, plain foundation, on campus, to H. Wales Lines Co., 134 State St., Meriden, $150,000.

N. Y., Brooklyn—Apartment—Park and Tenth St. Constr. Co., c/o Shampan & Shampan, archts. and engrs., 50 Court St., 6 story, 95 x 100 ft., brick, steel and stone, plain foundation, Prospect Park West and 10th St., by day labor. $250,000. Noted Dec. 15.

N. Y., Brooklyn—Apartment—Portwood Realty Co., c/o Rouse & Goldstone, archts. and engrs., 512 5th Ave., 4 story, brick, steel and stone, plain foundation, Ocean Ave., by day labor. $165,000.

N. Y., New York—Bank—Corn Exch. Bank, 13 William St., 1 story, brick, steel and stone, plain foundation, Cathedral Parkway, to J. H. Taylor Constr. Co., 110 West 40th St., $150,000. Noted Oct. 12.

N. Y., New York—Apartment—Holborn Realty Co., c/o E. Roth, archt. and engr., 119 West 40th St., brick, steel and stone, plain foundation, 80th St. and Lexington Ave., by day labor. $225,000.

N. Y., New York—Apartment—Twenty Nine East 64th St. Corp., c/o G. F. Pelham, archt. and engr., 200 West 72nd St., 11 story, 83 x 110 ft., brick, steel and stone, plain foundation, 29 East 64th St., by day labor. $850,000.

N. Y., New York—Hospital—Beth Israel Hospital, Livingston Pl., brick, steel and stone addition, plain foundation, to G. R. Davis, 30 East 42nd St., $1,500,000.

N. Y., New York—Theatre—Reilly & Hall, archts. and engrs., 405 Lexington Ave., 3 story, 100 x 120 ft., brick, steel and stone, plain foundation, MacDougall and West Houston Sts., to O'Day Constr. Co., 1639 Bway., for Fagazy & Rosetti, c/o architects. $175,000. Noted Dec. 29.

N. J., Newark—School—Bd. Educ., City Hall, Broad St., steel, brick and stone, Charlton Ave., to Carlton Co., 151 West 42nd St., New York, $250,000. Noted Nov. 3.

N. J., Secaucus (Weehawken, P. O.)—Insane Asylum—Bd. Freeholders Hudson Co. (Jersey City) general contract seven 2 story, brick and steel buildings, here, to W. H. and F. W. Cane, 233 Bway., New York, $459,222; plumbing work, to E. H. Moore Co., 102 York St., Jersey City, $29,615; heating work, to J. Craig Co., 617 Communipaw Ave., Jersey City, $94,480; electrical work, to Hoffman & Elias, 549 Columbus Ave., New York, $55,850. Noted Jan. 19.

Pa., Aspinwall (Pittsburgh P. O.)—School—E. P. Mellon, archt., 52 Vanderbilt Ave., New York, preparatory school for Shadyside Academy, Ellsworth Ave., here, to Mellon-Stuart Co., Oliver Bldg., Pittsburgh. Noted Dec. 1.

Pa., Byberry (Phila. P. O.)—Infirmary—Dept. Pub. Health, City Hall, 2 story, 28 x 70 ft., 33 x 96 ft. and 38 x 130 ft. brick and steel, to J. Kelly, 2313 Walnut St., Phila., $191,976. Noted Dec. 22.

Pa., Pittsburgh—Office—Joint Ownership Constr. Corp., c/o Mann & MacNeill, archts. and engrs., 70 East 45th St., New York, 6 story, brick, steel and stone, plain foundation, Alder and Emerson Sts., here, to Hegeman & Harris, 185 Madison Ave., New York. $300,000.

Pa., Pittsburgh—Office—B. F. Jones, 808 Ridge Ave., converting 8 story, 92 x 136 ft. warehouse into office building, Ross and 3rd Sts., to A. and S Wilson Co., 541 3rd Ave., $200,000.

N. C., Asheville—Y. M. C. A., 2 West 45th St., New York, 3 story, 110 x 150 ft., here, to L. L. Merchant, Asheville, $235,000. Noted Oct. 13.

N. C., Greensboro—Agricultural and Mechanical—Bldg. Comn. of A. & T. College for Negroes, general contract for agricultural and mechanical buildings, to W. P. Rose, Greensboro, $100,000. Noted Nov. 3.

N. C., Winston-Salem—Hospital—For 3 story, 29 x 34 ft., 39 x 116 ft. and 39 x 109 ft., stone, brick and steel, plain foundation, to Dupont Eng. Co., Du Pont Bldg., Wilmington, Del., $240,000.

O., Cleveland—Apartment—H. Morris, Ullmer Bldg., 3 story, 75 x 85 ft., brick and timber, plain foundation, East 78th St. near Hough Ave., to Lessovitz Bros., 2673 East 53rd St., $150,000. Noted June 23.

O., Columbus—Dormitory—O. Meese, pres. Capitol University, East Main St., 2 story, 210 x 300 ft., brick and concrete, to C. W. Snyder, 1324 Parsons Ave., $220,000. Noted Jan. 12.

O., Elyria — Bank and Office — Elyria Savings & Trust Co., 7 story, 52 x 113 ft., brick, steel and concrete, plain foundation, to Hunkin-Conkey Constr. Co., Century Bldg., Cleveland, $300,000. Noted Dec. 22.

Ind., Decatur—School—A. Hunt, trustee, Bluffton, 2 story, 95 x 125 ft., brick, here, to Hisey & Bebout, Rockford, O. Noted Dec. 15.

Minn., Minneapolis—Apartment—Ambassador Holding Co., c/o O. K. Westphal, archt., 323 Kasota Bldg., general contract, two 3 story, 49 x 127 ft., rein-con., brick and tile, 214 and 220 East 19th St., to N. Bruce, 512 McKnight Bldg.

Kan., Independence — High School — Bd. Educ., 3 story, 181 x 235 ft., rein.-con., brick and steel, to Bruister Constr. Co., Independence. Noted Dec. 29.

Mont., Bozeman — Gymnasium, etc. — State Bd. Examiners, Helena, general contracts, 3 story, 80 x 160 ft. gymnasium, rein.-con., brick and terra cotta, to Nelson & Pederson, Park and Washington Sts., Butte, $172,550; 4 story, 67 x 128 ft. biological, rein.-con., brick and terra cotta, to F. E. Peterson, Hutton Bldg., Spokane, Wash., $123,567; 1 story, 119 x 182 ft. engineering shop and 4 story, 77 x 198 ft. engineering building, brick, concrete and steel, to Gauger-Korsmo Constr. Co., 301 Endicott Bldg., St. Paul, Minn., $284,493. Noted Oct. 20 and Jan. 12.

Mont., Missoula—Library, etc.—State Bd. Examiners Helena, 3 story, 80 x 150 ft. library, brick, granite, terra cotta, concrete and steel, general contract to Nelson & Pederson, Park and Washington Sts., Butte, $165,242, plumbing and heating, Northern Plumbing & Heating Co., Billings, $29,216; two 4 story, 40 x 210 ft. residence halls, general contract to S. G. Morin, Paulsen Bldg., Spokane, Wash., $227,435, plumbing and heating, Thomas Plumbing Co., Ogden,

Buildings (Continued)

Utah, $47,300; 180 x 180 ft. gymnasium, brick, concrete and steel, general contract, Hilmer Lettegran, Missoula, $182,860, plumbing and heating, A. Lembke, Missoula, $34,150; 3 story, 56 x 130 ft. Forestry building, rein.-con. and brick, general contract to G. Forseen, Missoula, $87,550. Noted Oct. 20 and Jan. 12.

Federal Government Work

BIDS DESIRED

N. C., Ocean—Boiler Settings—Feb. 14, by Treas. Dept., Wash., D. C., boiler settings in U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

La., New Orleans—Steel Hull—Feb. 23, by U. S. Engineer, 329 Customhouse, steel hull for U. S. Steamer Hyacinth; adv. this issue.

La., New Orleans—Vestibule—Feb. 14, by Treas. Dept., Wash., D. C., vestibule in U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Tex., Galveston—Oil Barges—Feb. 23, by U. S. Engineer, Galveston, steel oil barges; adv. this issue.

Ariz., Globe—Post Office and Court House—March 6, by Treas. Dept., Wash., D. C., Post Office and Court House, here. J. A. Wetmore, acting superv. archt., adv. this issue.

Ore., Portland—Conveyor System—Feb. 10, by Treas. Dept., Wash., D. C., mail conveyor system in U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Miscellaneous

PROPOSED WORK

Culverts—Bridgeport, Conn.—Streets & Sidewalks Com. plans concrete culvert work, $30,000. J. A. McElroy, city engr.

Coal Pocket—Chicopee, Mass.—Pomeroy Coal & Wood Co., 266 Exchange St., having plans prepared, rein-con. coal pocket, $25,000. G. P. Dion, 30 Center St., archt.

Grandstand—Norwich, Conn.—See Buildings.

Inorganic Dust—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., rejected bids opened Jan. 18, furnishing and delivering 2,000 ton inorganic dust. $15,000. Work will be readvertised. Noted Jan. 26.

Subway—Memphis, Tenn.—City will take bids in about 4 months, subway on South Bellevue Blvd., under tracks of Nashville, Chattanooga & St. Louis R.R., Louisville & Nashville R.R., Union Ry., St. Louis & San Francisco Ry. and Southern Ry. $300,000. Cost to be borne by city and above mentioned railways. W. B. Fowler, city engr.

Cement — Wisconsin — Wisconsin Hy. Comn., Madison, rejected bids opened Jan. 10, furnishing cement. Noted Jan. 19.

Concrete Mixer and Motor Truck — Racine, Wis.—Racine Co. takes bids about March 1, 1 bag concrete mixer and 1½ ton motor truck. W. A. Bechthold, highway comr.

Street Lighting System—Hannibal, Mo.—See "Industrial Works."

Water Power Development—Warsaw, Mo.—W. R. Banks, Box 1005, making plans damming river and installing hydro-electric power plant. $75,000. A. D. Beamer, Lamar, engr.

Derrick, Crushers, etc.—Muskogee, Okla.—Muskogee Sand & Gravel Co. will be in market this summer for stiff leg derrick, crushers, clam shell equipment, etc. O. M. Drake, mgr.

Fill—Stockton, Cal.—Having estimates of cost prepared for filling in McLeods Lake from El Dorado to Center St., incl. dredging portion of Banner Island to make the fill. W. B. Hogan, city engr.

Gas Mains—Montreal, Que.—Montreal Light, Heat & Power Co., Craig St. W., plans laying 13,200 lin.ft. 20 in. c.i. gas mains from Hadley to May Ave., Cote St. Paul. $111,000. E. S. Stanton, Craig St., W., engr.

Wells—Belle River, Ont.—Dover Oil Co. plans to improve 12 wells and drill several new ones. $40,000. Prices wanted on equipment, tanks, piping, etc.

Electric Lighting and Power System—Bluevale, Ont.—Town having plans prepared for electric lighting and power distribution system. $28,000. J. N. Wilson, 190 University Ave., Toronto, engr.

Asphalt Plant—Niagara Falls, Ont.—City plans asphalt paving plant. $40,000. J. C. Gardner, Bampfield Blk., Erie Ave., engr.

Electric Lighting and Power System—Port Elgin, Ont.—Town plans electric lighting and power distribution system. $35,000. Prices wanted on equipment. Address A. McLaren, mayor.

Electric Lighting and Power System—Southampton, Ont.—Town plans electric lighting and power distribution system. $30,000.

Subway—Toronto, Ont.—York Twp., 40 Jarvis St., plans concrete and steel subway under Grand Trunk Ry. tracks on Hillsbury Ave. $60,000. F. Barber, 40 Jarvis St., engr.

BIDS DESIRED

Portland Cement, etc.—New York, N. Y.—Feb. 9, by H. Bruckner, pres. Bronx Boro. Boro Hall, furnishing and delivering 3,500 bags Portland cement, 20,000 bu. coke, 50 ton paving pitch, 3,000 cu.yd. hard coal clean steam boiler ashes, 750 ton limestone dust or other suitable inorganic dust, 800 ton asphaltic cement, 30,000 gal. of bituminous road surfacing material (for hot use), 6,000 cu.yd. asphalt wearing surface sand, 250,000 gal. tar road oil, 600,000 gal. asphalt road oil, 4,000 cu.yd. 10½ in. and 500 cu.yd. ¾ in. broken stone, 2,000 cu.yd. broken stone screenings, 6,000 cu. yd. sand grits special, and 2,000 cu.yd. binder stone.

Wharf Deck—Wash., D. C.—Feb. 14, by Dist. Comrs., Dist. Bldg., wharf deck, Water St. between M and N Sts., S. W.; adv. this issue.

Sand Dredge—West Palm Beach, Fla.—H. C. Daniels, Room 6, McGinley Bldg., in market for 8 in. gas or oil driven centrifugal sand dredge, for pumping or sinking sand. Must be equipped with mechanical agitator at end of 8 in. suction line, alternative figure of water jet in place of mechanical agitator.

Grandstand—Peoria, Ill.—Feb. 21, by Day & Bullard, archts., 1014 Peoria Life Bldg., rein-con. grandstand and grading around same, for Peoria Baseball Fans Assn. J. Ryan, pres. $50,000. Noted Dec. 8.

Portland Cement—Milwaukee, Wis.—Feb. 10, by Central Bd. Purchases 10,000 bbl. Portland cement.

Street Oil—Watertown, Wis.—Feb. 7, by F. S. Weber, city clk., 200,000 gal. street oil, containing 50-60 per cent asphalt.

Tractor—Warren, Minn.—Feb. 8 by Marshall Co., tractor for heavy road work.

Transmision Line—Hamilton, Kan—See "Waterworks."

Rock Crusher—Carthage, Mo.—J. Burke, city clk. is in market for rock crusher.

Rock Crusher—Bartlesville, Okla.—E. Rogers, 3rd and Rogers Sts., in market for rock crusher.

Pumping Machinery, etc—Fair Oaks, Cal.—Feb. 11, by L. C. Sears, secy. Carmichael Irrigation Dist., furnishing and installing pumping machinery, auxiliary equipment and electrical apparatus in pumping station, incl. 12 in. pump, electrical equipment, 250 hp. motor. $10,500. A. Givan, 1029 Forum Bldg., Sacramento, ch. engr.

Rails and Ties—Kitchener, Ont.—S. Shupe, city engr., receiving bids for 220 gross ton steel rails and 1,000 steel ties. Work will be done by day labor under supervision of E. McIntyre, supt. of Street Ry. $60,000.

Coal Unloading Equipment—Port Stanley, Ont.—London & Port Stanley Ry., Philips St., London, receiving bids for derrick, clam shell buckets and unloading and operating equipment for coal unloading depot, here. $25,000. J. E. Richards, Philips St., London, engr.

BIDS RECEIVED

Heating and Ventilating Apparatus, etc.

Brooklyn, N. Y.—Bd. Educ., 500 Park Ave., New York, opened bids Jan. 27, installing heating and ventilating apparatus in P. S. 54, Sanford St. between Willoughby and DeKalb Aves., here, from Federal Heating Co., 300 Madison Ave., New York, $80,400 Austin Eng. Co., 124 West 42nd St., New York $82 872, E. Rutzler Co., 404 East 49th St., New York, $82,987; temperature regulation apparatus, from Johnson Serv. Co., 118 East 28th St., New York, $7,795, Bishop & Babcock, 1200 East 55th St., Cleveland, O., $8,000, Natl. Regulator Co., 166 Lexington Ave., New York, $8,115. Noted Jan. 26

CONTRACTS AWARDED

Asphaltic Wearing Surface Sand, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., furnishing and delivering 10,000 cu.yd. asphaltic wearing surface sand, to P. F. Mahoney, $11,800; 600 ton asphaltic paving cement and 300,000 gal. refined asphalt, to Standard Oil Co., 26 Bway., $13,824 and $20,000 respectively; 2,000 cu.yd. coarse aggregate for concrete and 4,000 cu.yd. binder stone, to Calvin Tomkins Co., 30 Church St., $4,380 and $7,120 respectively; 3,000 cu.yd. paving sand, to Manhattan Sand Co., Inc., 418 East 49th St., $4,350; 30,000 gal. gasoline, to Tidewater Oil Sales Co., 11 Bway., $6,990; 300,000 wood paving blocks, Amer. Creosoting Co., 17 Battery Pl., (a) $11,610, (b) $12,000, (c) $11,043; bags Portland cement, to J. A. McCarthy, 551 Exterior St., $9,600. Noted Jan.

Street Signs—Minneapolis, Minn.—K. F. Alexander, city purch. agt., 1,000 metal streets signs, to Lyle Corrugated Culvert Co., 171 27th Ave., S. E., $6.50 each. Noted Dec. 29.

Oil Storage Tanks—Cushing, Okla.—Sinclair Crude Oil Purchasing Co., Tulsa and New York, fabrication and erection seventeen 80,000 bbl. oil storage tanks, here, to Phoenix Iron Wks. Co., Meadsville, Pa.

Terminal Sub-Structure—San Francisco, Cal.—State Bd. Harbor Comrs., Ferry Bldg., sub-structure for China Basin Terminal, to Healy-Tibbitts Constr. Co., Main St., $761,343. Noted Jan. 26.

OFFICIAL PROPOSALS

Bids: Feb. 21.

Bridge Construction

Lake Charles, La.

Sealed proposals for constructing the Moss Bluff Highway Bridge across the Calcasieu River, near Lake Charles, Louisiana, and addressed to the Hon. W. J. Prater, President Police Jury, Calcasieu Parish, Louisiana, will be received at the office of the Parish Clerk, Lake Charles, Louisiana, until 12:00 M. February 21st, 1922.

The work comprises:

The construction of a highway bridge across the Calcasieu River and a reinforced concrete or alternate creosoted timber approach trestle across the adjacent marsh, together with a steel lift span with 94 ft. clear opening. Contractors may bid on one or both alternate types of design or upon any combination of several contracts embracing substructure, steel, concrete and timber superstructures and approaches. Furnishing and erection of trusses and lift span are included in the same contract. Two river piers will be carried over sixty feet below ordinary water level. The entire structure will be about 1,450 feet in length and 18 feet in clear width. Instructions and proposal blanks and detailed plans and specifications may be seen at Courthouse, Lake Charles, Louisiana, and copies may be obtained from The Terrell Bartlett Engineers, Calcasieu Building, San Antonio, Texas, upon deposit of $25.00, which will be refunded upon return of plans. Proposal must be accompanied by a certified or cashier's check in the sum of not less than 5% of the amount bid.

Bidders must fulfill conditions provided in the "Instructions to Bidders."

The Parish reserves the right to reject any or all bids.

(Signed) W. J. PRATER,
President of Police Jury,
Calcasieu Parish, La.

Bids: Feb. 11.

Used Equipment

Wellsburg, W. Va.

Sealed bids will be received at the office of the Clerk of the County Court of Brooke County, Wellsburgh, W. Va., up until 12 o'clock noon, Eastern time, Feb. 11, 1922, for the following used equipment or so much thereof as may remain unsold in the hands of the Brooke County Court:

1	10 ton Buffalo Pitts macadam roller No. 5349.
1	14 ton Cooke macadam rolled.
1	100 ton Acme crusher and elevator.
1	30 hp. Farquhar engine and boiler.
1	Champion crusher No. 4.
1	12 hp. Peerless traction engine No. 4941.
1	20 hp. International single cylinder tractor No. UB4165.
3	1½ cu.yd. 24 in. gage Koppel cars.
900	linear feet 24 in. gage No. 16 track.
1	lot paving brick.
2	Cleveland tractors.
4	500 gal. tar kettles.

Further information may be obtained from Country Road Engineer's office, Wellsburg, W. Va.

The court reserves the right to reject any or all bids.

H. McGRAW,
Engineer.
ABE MONTGOMERY,
Clerk.